

Stanford University School of Medicine
Research IT

STS Adult Cardiac Registry

Codebook ▾

Data Dictionary Codebook

12/10/2019 10:25am

^ Collapse all instruments

#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)														
Instrument: Administrative (administrative) ^ Collapse																	
1	redcap_id	Redcap ID <i>Unique identifier for redcap record</i>	text														
2	vendorid	Software Vendor Identifier <i>Name (assigned by STS) given to identify software vendor (up to 8 characters). Vendors should use standard name identification across sites. Changes to Vendor Name Identification must be approved by the STS.</i>	text Field Annotation: v2.81 SeqNo 5														
3	datavrsn	STS Data Version <i>Version number of the STS Data Specifications/Dictionary, to which each record conforms. It will identify which fields should have data, and what are the valid data for each field. This must be entered into the record automatically by the software.</i>	text														
4	softvrsn	Software Version <i>Vendor's software product name and version number identifying the software which created this record. Vendor controls the value in this field. Version passing certification/harvest testing will be noted at warehouse.</i>	text Field Annotation: v2.81 SeqNo 10														
5	ondemandvrsn	On-Demand Files Version Number <i>The version number of the On-Demand lists in use at the time this data record was created or edited. The value is inserted into the record at the time the record is created or is modified by the user. The version numbers will be specified by the STS.</i>	text Field Annotation: v2.81 SeqNo 20														
6	clintrial	Patient Participating In STS-Related Clinical Trial <i>Indicate which, if any, STS-related clinical trial in which the patient is participating. The STS will assign a code to each clinical trial as they begin collecting data.</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trial 1</td></tr> <tr><td>3</td><td>Trial 2</td></tr> <tr><td>4</td><td>Trial 3</td></tr> <tr><td>5</td><td>Trial 4</td></tr> <tr><td>6</td><td>Trial 5</td></tr> <tr><td>7</td><td>Trial 6</td></tr> </table> Field Annotation: v2.81	1	None	2	Trial 1	3	Trial 2	4	Trial 3	5	Trial 4	6	Trial 5	7	Trial 6
1	None																
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3	Trial 2																
4	Trial 3																
5	Trial 4																
6	Trial 5																
7	Trial 6																
7	costlink	Cost Link <i>A participant specified alpha-numeric code that can be used to link this record's clinical data with the participant's cost information for this patient admission. This information may be used in the future to perform procedure cost analysis (for which the actual cost data would have to be harvested separately). The value in this field must not be the patient's Medical Record Number, Social Security Number or any other patient identifying value.</i>	text Field Annotation: v2.81 SeqNo 35														
8	ststlink	STS Trial Link Number(retired v2.61) <i>Enter the number 1 (one) for a patient known to be in an IRB-approved clinical trial at the time of the surgical procedure. Enter the number 9 (nine) for a patient known NOT to be in an IRB-approved clinical trial at the time of the surgical procedure. Leave blank if it is not known whether or not the patient is enrolled in a clinical trial.</i>	text Field Annotation: v2.61														
9	administrative_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																

Instrument: Demographics (demographics) ^ Collapse									
10	age	<p>Section Header: Demographics</p> <p>Patient Age Indicate the patient's age in years, at time of surgery. This should be calculated from the date of birth and the date of surgery, according to the convention used in the USA (the number of birthdate anniversaries reached by the date of surgery). If age is less than 18, the data record will be accepted into the database, but will not be included in the national analysis and report.</p>	text						
11	dob_deid	<p>Date of Birth (Deid) Indicate the patient's date of birth using 4-digit format for year. This field should be collected in compliance with state/local privacy laws.</p>	text (date_mdy), Identifier						
12	gender	<p>Sex Indicate the patient's sex at birth as either male or female.</p>	dropdown <table border="1"> <tr><td>1</td><td>Male</td></tr> <tr><td>2</td><td>Female</td></tr> </table>	1	Male	2	Female		
1	Male								
2	Female								
13	ssnknown	<p>National Identification (Social Security Number) Known Indicate whether the patient's National Identification Number is known or if the patient refused to provide this information.</p>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Refused</td></tr> </table> <p>Field Annotation: v2.90</p>	1	Yes	2	No	3	Refused
1	Yes								
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14	patientcountry	<p>Patient's Country <i>Indicate the patient's country of residence at time of admission. This field should be collected in compliance with state/local privacy laws.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>237</td><td>United States Of America</td></tr> <tr><td>1</td><td>Afghanistan</td></tr> <tr><td>11</td><td>Argentina</td></tr> <tr><td>14</td><td>Australia</td></tr> <tr><td>17</td><td>Bahamas</td></tr> <tr><td>25</td><td>Bermuda</td></tr> <tr><td>31</td><td>Brazil</td></tr> <tr><td>40</td><td>Canada</td></tr> <tr><td>46</td><td>China</td></tr> <tr><td>53</td><td>Costa Rica</td></tr> <tr><td>88</td><td>Greece</td></tr> <tr><td>92</td><td>Guam</td></tr> <tr><td>93</td><td>Guatemala</td></tr> <tr><td>105</td><td>India</td></tr> <tr><td>109</td><td>Ireland</td></tr> <tr><td>111</td><td>Israel</td></tr> <tr><td>112</td><td>Italy</td></tr> <tr><td>113</td><td>Jamaica</td></tr> <tr><td>114</td><td>Japan</td></tr> <tr><td>116</td><td>Jordan</td></tr> <tr><td>143</td><td>Mexico</td></tr> <tr><td>166</td><td>State of Palestine</td></tr> <tr><td>173</td><td>Peru</td></tr> <tr><td>176</td><td>Poland</td></tr> <tr><td>178</td><td>Puerto Rico</td></tr> <tr><td>184</td><td>Russian Federation</td></tr> <tr><td>196</td><td>Saudi Arabia</td></tr> <tr><td>300</td><td>Scotland</td></tr> <tr><td>201</td><td>Singapore</td></tr> <tr><td>215</td><td>Switzerland</td></tr> <tr><td>225</td><td>Trinidad And Tobago</td></tr> <tr><td>227</td><td>Turkey</td></tr> <tr><td>231</td><td>Uganda</td></tr> <tr><td>233</td><td>United Arab Emirates</td></tr> <tr><td>234</td><td>United Kingdom Of Great Britain And Northern Ireland</td></tr> <tr><td>235</td><td>United Republic Of Tanzania</td></tr> <tr><td>236</td><td>United States Minor Outlying Islands</td></tr> <tr><td>238</td><td>United States Virgin Islands</td></tr> <tr><td>242</td><td>Venezuela (Bolivarian Republic Of)</td></tr> <tr><td>246</td><td>Yemen</td></tr> <tr><td>2</td><td>Åland Island</td></tr> <tr><td>999</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81</p>	237	United States Of America	1	Afghanistan	11	Argentina	14	Australia	17	Bahamas	25	Bermuda	31	Brazil	40	Canada	46	China	53	Costa Rica	88	Greece	92	Guam	93	Guatemala	105	India	109	Ireland	111	Israel	112	Italy	113	Jamaica	114	Japan	116	Jordan	143	Mexico	166	State of Palestine	173	Peru	176	Poland	178	Puerto Rico	184	Russian Federation	196	Saudi Arabia	300	Scotland	201	Singapore	215	Switzerland	225	Trinidad And Tobago	227	Turkey	231	Uganda	233	United Arab Emirates	234	United Kingdom Of Great Britain And Northern Ireland	235	United Republic Of Tanzania	236	United States Minor Outlying Islands	238	United States Virgin Islands	242	Venezuela (Bolivarian Republic Of)	246	Yemen	2	Åland Island	999	Other
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(<http://unstats.un.org/unsd/methods/m49/m49alpha.htm>) This field should be collected in compliance with state/local privacy laws.

3	ALBANIA
4	ALGERIA
5	AMERICAN SAMOA
6	ANDORRA
7	ANGOLA
8	ANGUILLA
9	ANTARCTICA
10	ANTIGUA AND BARBUDA
11	ARGENTINA
12	ARMENIA
13	ARUBA
14	AUSTRALIA
15	AUSTRIA
16	AZERBAIJAN
17	BAHAMAS
18	BAHRAIN
19	BANGLADESH
20	BARBADOS
21	BELARUS
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38	CAMBODIA
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42	CAYMAN ISLANDS
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44	CHAD
45	CHILE
46	CHINA
47	CHRISTMAS ISLAND
48	COCOS (KEELING) ISLANDS
49	COLOMBIA
50	COMOROS

51	CONGO
52	COOK ISLANDS
53	COSTA RICA
54	CÔTE D'IVOIRE
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114	JAPAN
115	JERSE
116	JORDAN
117	KAZAKHSTAN
118	KENYA
119	KIRIBATI
120	KUWAIT
121	KYRGYZSTAN
122	LAO PEOPLE'S DEMOCRATIC REPUBLIC
123	LATVIA
124	LEBANON
125	LESOTHO
126	LIBERIA
127	LIBYAN ARAB JAMAHIRIYA
128	LIECHTENSTEIN
129	LITHUANIA
130	LUXEMBOURG
131	MACAO SPECIAL ADMINISTRATIVE REGION OF CHINA
132	MADAGASCAR
133	MALAWI
134	MALAYSIA
135	MALDIVES
136	MALI
137	MALTA
138	MARSHALL ISLANDS
139	MARTINIQUE
140	MAURITANIA
141	MAURITIUS
142	MAYOTTE
143	MEXICO
144	MICRONESIA (FEDERATED STATES OF)
145	MONACO

146	MONGOLIA
147	MONTENEGRO
148	MONTserrat
149	MOROCCO
150	MOZAMBIQUE
151	MYANMAR
152	NAMIBIA
153	NAURU
154	NEPAL
155	NETHERLANDS
156	NETHERLANDS ANTILLES
157	NEW CALEDONIA
158	NEW ZEALAND
159	NICARAGUA
160	NIGER
161	NIGERIA
162	NIUE
163	NORFOLK ISLAND
164	NORTHERN MARIANA ISLANDS
165	NORWAY
166	OCCUPIED PALESTINIAN TERRITORY
167	OMAN
168	PAKISTAN
169	PALAU
170	PANAMA
171	PAPUA NEW GUINEA
172	PARAGUAY
173	PERU
174	PHILIPPINES
175	PITCAIRN
176	POLAND
177	PORTUGAL
178	PUERTO RICO
179	QATAR
180	REPUBLIC OF KOREA
181	REPUBLIC OF MOLDOVA
182	RÉUNION
183	ROMANIA
184	RUSSIAN FEDERATION
185	RWANDA
186	SAINT HELENA
187	SAINT KITTS AND NEVIS
188	SAINT LUCIA
189	SAINT PIERRE AND MIQUELON
190	SAINT VINCENT AND THE GRENADINES
191	SAINT-BARTHÉLEM
192	SAINT-MARTIN (FRENCH PART)
193	SAMOA

194	SAN MARINO
195	SAO TOME AND PRINCIPE
196	SAUDI ARABIA
197	SENEGAL
198	SERBIA
199	SEYCHELLES
200	SIERRA LEONE
201	SINGAPORE
202	SLOVAKIA
203	SLOVENIA
204	SOLOMON ISLANDS
205	SOMALIA
206	SOUTH AFRICA
207	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
208	SPAIN
209	SRI LANKA
210	SUDAN
211	SURINAME
212	SVALBARD AND JAN MAYEN ISLANDS
213	SWAZILAND
214	SWEDEN
215	SWITZERLAND
216	SYRIAN ARAB REPUBLIC
217	TAIWAN, PROVINCE OF CHINA
218	TAJKISTAN
219	THAILAND
220	THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA
221	TIMOR-LEST
222	TOGO
223	TOKELAU
224	TONGA
225	TRINIDAD AND TOBAGO
226	TUNISIA
227	TURKEY
228	TURKMENISTAN
229	TURKS AND CAICOS ISLANDS
230	TUVALU
231	UGANDA
232	UKRAINE
233	UNITED ARAB EMIRATES
234	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
235	UNITED REPUBLIC OF TANZANIA
236	UNITED STATES MINOR OUTLYING ISLANDS
237	UNITED STATES OF AMERICA
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240	UZBEKISTAN
241	VANUATU
242	VENEZUELA (BOLIVARIAN REPUBLIC OF)
243	VIET NAM
244	WALLIS AND FUTUNA ISLANDS
245	WESTERN SAHARA
246	YEMEN
247	YUGOSLAVIA
248	ZAIRE
249	ZAMBIA
250	ZIMBABWE
999	OTHER

Field Annotation: v2.73

16	permaddr	<p>Permanent Address <i>Indicate whether the patient considers the given address to be their permanent address.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.81</p>	1	Yes	2	No	3	Unknown
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106	INDONESIA
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110	ISLE OF MAN
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113	JAMAICA
114	JAPAN
115	JERSE
116	JORDAN
117	KAZAKHSTAN
118	KENYA
119	KIRIBATI
120	KUWAIT
121	KYRGYZSTAN
122	LAO PEOPLE'S DEMOCRATIC REPUBLIC
123	LATVIA

124	LEBANON
125	LESOTHO
126	LIBERIA
127	LIBYAN ARAB JAMAHIRIYA
128	LIECHTENSTEIN
129	LITHUANIA
130	LUXEMBOURG
131	MACAO SPECIAL ADMINISTRATIVE REGION OF CHINA
132	MADAGASCAR
133	MALAWI
134	MALAYSIA
135	MALDIVES
136	MALI
137	MALTA
138	MARSHALL ISLANDS
139	MARTINIQUE
140	MAURITANIA
141	MAURITIUS
142	MAYOTTE
143	MEXICO
144	MICRONESIA (FEDERATED STATES OF)
145	MONACO
146	MONGOLIA
147	MONTENEGRO
148	MONTSERRAT
149	MOROCCO
150	MOZAMBIQUE
151	MYANMAR
152	NAMIBIA
153	NAURU
154	NEPAL
155	NETHERLANDS
156	NETHERLANDS ANTILLES
157	NEW CALEDONIA
158	NEW ZEALAND
159	NICARAGUA
160	NIGER
161	NIGERIA
162	NIUE
163	NORFOLK ISLAND
164	NORTHERN MARIANA ISLANDS
165	NORWAY
166	OCCUPIED PALESTINIAN TERRITORY
167	OMAN
168	PAKISTAN
169	PALAU
170	PANAMA

171	PAPUA NEW GUINEA
172	PARAGUAY
173	PERU
174	PHILIPPINES
175	PITCAIRN
176	POLAND
177	PORTUGAL
178	PUERTO RICO
179	QATAR
180	REPUBLIC OF KOREA
181	REPUBLIC OF MOLDOVA
182	RÉUNION
183	ROMANIA
184	RUSSIAN FEDERATION
185	RWANDA
186	SAINT HELENA
187	SAINT KITTS AND NEVIS
188	SAINT LUCIA
189	SAINT PIERRE AND MIQUELON
190	SAINT VINCENT AND THE GRENADINES
191	SAINT-BARTHÉLEM
192	SAINT-MARTIN (FRENCH PART)
193	SAMOA
194	SAN MARINO
195	SAO TOME AND PRINCIPE
196	SAUDI ARABIA
197	SENEGAL
198	SERBIA
199	SEYCHELLES
200	SIERRA LEONE
201	SINGAPORE
202	SLOVAKIA
203	SLOVENIA
204	SOLOMON ISLANDS
205	SOMALIA
206	SOUTH AFRICA
207	SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS
208	SPAIN
209	SRI LANKA
210	SUDAN
211	SURINAME
212	SVALBARD AND JAN MAYEN ISLANDS
213	SWAZILAND
214	SWEDEN
215	SWITZERLAND
216	SYRIAN ARAB REPUBLIC
217	TAIWAN, PROVINCE OF CHINA

218	TAJKISTAN
219	THAILAND
220	THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA
221	TIMOR-LEST
222	TOGO
223	TOKELAU
224	TONGA
225	TRINIDAD AND TOBAGO
226	TUNISIA
227	TURKEY
228	TURKMENISTAN
229	TURKS AND CAICOS ISLANDS
230	TUVALU
231	UGANDA
232	UKRAINE
233	UNITED ARAB EMIRATES
234	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND
235	UNITED REPUBLIC OF TANZANIA
236	UNITED STATES MINOR OUTLYING ISLANDS
237	UNITED STATES OF AMERICA
238	UNITED STATES VIRGIN ISLANDS
239	URUGUAY
240	UZBEKISTAN
241	VANUATU
242	VENEZUELA (BOLIVARIAN REPUBLIC OF)
243	VIET NAM
244	WALLIS AND FUTUNA ISLANDS
245	WESTERN SAHARA
246	YEMEN
247	YUGOSLAVIA
248	ZAIRE
249	ZAMBIA
250	ZIMBABWE
999	OTHER

Field Annotation: v2.73

18	race Documented	<p>Race Documented <i>Indicate whether race is documented</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Patient declined to disclose</td></tr> </table> <p>Field Annotation: v2.81</p>	1	Yes	2	No	3	Patient declined to disclose
1	Yes								
2	No								
3	Patient declined to disclose								
19	racecaucasian	<p>Race - White <i>Indicate whether the patient's race, as determined by the patient or family, includes White. 'White' refers to a person having origins in any of the original peoples of Europe, the Middle East, or North Africa. It includes people who indicated their race(s) as 'White' or reported entries such as Irish, German, Italian, Lebanese, Arab, Moroccan, or Caucasian. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No		
1	Yes								
2	No								

20	raceblack	Race - Black / African American <i>Indicate whether the patient's race, as determined by the patient or family, includes Black / African American. 'Black or African American' refers to a person having origins in any of the Black racial groups of Africa. It includes people who indicated their race(s) as 'Black, African Am., or Negro' or reported entries such as African American, Kenyan, Nigerian, or Haitian. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
21	raceasian	Race - Asian <i>Indicate whether the patient's race, as determined by the patient or family, includes Asian. 'Asian' refers to a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. It includes people who indicated their race(s) as 'Asian' or reported entries such as 'Asian Indian', 'Chinese', 'Filipino', 'Korean', 'Japanese', 'Vietnamese', and 'Other Asian' or provided other detailed Asian responses. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
22	racenativeam	Race - American Indian / Alaskan Native <i>Indicate whether the patient's race, as determined by the patient or family, includes American Indian / Alaskan Native. 'American Indian or Alaska Native' refers to a person having origins in any of the original peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment. This category includes people who indicated their race(s) as 'American Indian or Alaska Native' or reported their enrolled or principal tribe, such as Navajo, Blackfeet, Inupiat, Yup'ik, or Central American Indian groups or South American Indian groups. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
23	racnativepacific	Race - Native Hawaiian / Pacific Islander <i>Indicate whether the patient's race, as determined by the patient or family, includes Native Hawaiian / Pacific Islander. 'Native Hawaiian or Other Pacific Islander' refers to a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. It includes people who indicated their race(s) as 'Pacific Islander' or reported entries such as 'Native Hawaiian', 'Guamanian or Chamorro', 'Samoan', and 'Other Pacific Islander' or provided other detailed Pacific Islander responses. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
24	raceother	Race - Other <i>Indicate whether the patient's race, as determined by the patient or family, includes any other race. 'Some Other Race' includes all other responses not included in the White, Black or African American, American Indian or Alaska Native, Asian, and Native Hawaiian or Other Pacific Islander race categories described above. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
25	ethnicity	Hispanic or Latino or Spanish Ethnicity <i>Indicate if the patient is of Hispanic, Latino or Spanish ethnicity as reported by the patient / family. 'Hispanic, Latino or Spanish' refers to a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race. [The 2010 Census Redistricting Data (Public Law 94-171) Summary File]</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not Documented</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Not Documented
1	Yes								
2	No								
3	Not Documented								
26	demographics_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: Phi (phi)			^ Collapse						
27	deid_jitter	Deid Jitter <i>Random number used to offset dates for de-identification purposes</i>	text (integer), Identifier						
28	patlname	Section Header: <i>Demographics</i> Patient Last Name <i>Indicate the patient's last name documented in the medical record. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.61						
29	patfname	Patient First Name <i>Indicate the patient's first name documented in the medical record. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.61						
30	patminit	Patient M.I.(retired v2.61) <i>Indicate the patient's middle initial documented in the medical record. Leave 'blank' if no middle name. This field should be collected in compliance with state/local privacy laws.</i>	text Field Annotation: v2.61						

31	patmname	Patient Middle Name <i>Indicate the patient's middle name as documented in the medical record. Leave 'blank' if no middle name. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
32	dob	Date of Birth <i>Indicate the patient's date of birth using 4-digit format for year. This field should be collected in compliance with state/local privacy laws.</i>	text (date_mdy), Identifier
33	ssn	National Identification (Social Security Number) <i>Indicate the patient's National Identification Number. Although this is the Social Security Number in the USA, other countries may have a different National Patient Identifier Number. For example in Canada, this would be the Social Insurance Number. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.61
34	medrecn	Medical Record Number <i>Indicate the patient's medical record number at the hospital where surgery occurred. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.61
35	particid	Participant ID <i>Participant ID is a unique number assigned to each database participant by the STS. A database participant is defined as one entity that signs a Participation Agreement with the STS, submits one data file to the harvest, and gets back one report on their data. The participant ID must be entered into each record. Each participant's data if submitted to harvest must be in one data file. If one participant keeps their data in more than one file (e.g. at two sites), then the participant must combine them back into one file for harvest submission. If two or more participants share a single purchased software, and enter cases into one database, then the data must be extracted into two different files, one for each participant ID, with each record having the correct participant ID number.</i>	text (number, Min: 10000, Max: 39999)
36	patid	Patient ID <i>An arbitrary value (not a recognizable ID like Social Security Number or Medical Record Number) that uniquely and permanently identifies each patient. The value of the identifier is a combination of a code assigned to the software developer by the STS, and a value generated by the software to create a unique value. Once assigned to a patient, this can never be changed or reused. If a patient is admitted to the hospital more than once, each record for that patient will have the same value in this field.</i>	text
37	recordid	Record ID <i>An arbitrary, unique value generated by the software that permanently identifies each record in the participant's database (note that unlike the PatID value, this does not identify the individual patient). The value of the identifier is a combination of a code assigned to the software developer by the STS, and a value generated by the software to create a unique value. Once assigned to a record, this value can never be changed or reused. The data warehouse will use this value to communicate issues about individual records with the participant. It may also be used by the data warehouse to link this record to other clinical data.</i>	text
38	clintrialpatid	Patient Participating In STS-Related Clinical Trial - Patient ID <i>Indicate the patient identifier used to identify the patient in the clinical trial.</i>	text Field Annotation: v2.81
39	pataddr	Patient's Street Address <i>Indicate the street address at which the patient resides at time of admission. If patient is homeless, enter 'Homeless'. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
40	patpermaddr	Patient's Permanent Street Address(retired v2.73) <i>Indicate the street address at which the patient permanently resides at time of admission. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
41	patcity	Patient's City <i>Indicate the city in which the patient resides at time of admission. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
42	patpermcity	Patient's Permanent Address City(retired v2.73) <i>Indicate the city in which the patient permanently resides at time of admission. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
43	patregion	Patient's Region <i>Indicate the region of the country (i.e., state or province) in which the patient resides at time of admission.</i>	text, Identifier Field Annotation: v2.73
44	patpermregion	Patient's Permanent Address Region(retired v2.73) <i>Indicate the region of the country (i.e., state or province) in which the patient permanently resides at time of admission.</i>	text, Identifier Field Annotation: v2.73
45	patzip	Patient's ZIP Code <i>Indicate the ZIP Code of the patient's local residence. Outside the USA, this data may be known by other names such as Postal Code. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: all versions

46	patpermzip	Patient's Permanent Address ZIP Code(retired v2.73) <i>Indicate the ZIP Code of the patient's permanent residence. Outside the USA, this data may be known by other names such as Postal Code (needing 6 characters). Software should allow sites to collect at least up to 10 characters to allow for Zip+4 values. This field should be collected in compliance with state/local privacy laws.</i>	text, Identifier Field Annotation: v2.73
47	cathbasassistremdt	Section Header: History Catheter Based Assist Device Removed Date(retired v2.73) <i>Indicate the date on which the catheter based assist device was removed.</i>	text (date_mdy), Identifier Field Annotation: v2.73
48	prvalvedate	Date of Previous Valve Procedure(retired v2.73) <i>Indicate the date on which the previous valve procedure was performed.</i>	text (date_mdy), Identifier Field Annotation: v2.73
49	iabpremdt	IABP-Removed Date(retired v2.73) <i>Indicate the date on which the IABP was removed.</i>	text, Identifier Field Annotation: v2.73
50	admitdt	Section Header: Hospitalization Date of Admission <i>Indicate the Date of Admission. For those patients who originally enter the hospital in an out- patient capacity (i.e., catheterization), the admit date is the date the patient's status changes to in- patient. In the event admission date comes after date of surgery, use date of surgery.</i>	text (date_mdy), Identifier Field Annotation: all versions
51	surgdt	Date of Surgery <i>Indicate the date of index cardiac surgical procedure. Index cardiac surgical procedure is defined as the initial major cardiac surgical procedure of the hospitalization.</i>	text (date_mdy), Identifier Field Annotation: all versions
52	carcathdt	Section Header: Cath Cardiac Catheterization Date <i>Indicate the date cardiac catheterization was performed.</i>	text (date_mdy), Identifier Field Annotation: v2.73
53	pcanccasedt	Section Header: Operative Previously Attempted Canceled Case Date <i>Enter date previously attempted case was canceled.</i>	text (date_mdy), Identifier Field Annotation: v2.73
54	orentrydt	OR Entry Date And Time <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient entered the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was set up.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61
55	orexitdt	OR Exit Date And Time <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient exits the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was taken down.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61
56	intubatedt	Initial Intubation Date And Time <i>Indicate the date (mm/dd/yyyy) and time (hh The following guidelines apply: 1. Capture the intubation closest to the surgical start time. If the patient was intubated upon admission and remained intubated until the surgical start time, capture this intubation's date and time. 2. If the patient was admitted intubated (intubated at another institution) and remained continually intubated until the surgical start time, capture the patient's admission date and time. 3. If the patient was admitted with a tracheostomy in place without ventilatory support, capture the date and time closest to the surgical start time that ventilatory support was initiated. 4. If the patient was admitted with a tracheostomy in place receiving chronic ventilatory support, capture the admission date and time. 5. If the intubation date and time is otherwise unknown, enter the date and time the patient entered the operating room. 6. Do not alter the previously established date and time that ventilatory support was initiated for scenarios including, but not limited to, interruptions in ventilatory support due to accidental extubation/de-cannulation, elective tube change etc.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61
57	extubatedt	Initial Extubation Date And Time <i>Indicate the date (mm/dd/yyyy) and time (hh ceased after surgery. The following guidelines apply: 1. Capture the extubation closest to the surgical stop time. 2. If the patient has a tracheostomy and is separated from the mechanical ventilator postoperatively within the hospital admission, capture the date and time of separation from the mechanical ventilator closest to the surgical stop time. 3. If the patient expires while intubated or cannulated and on the ventilator, capture the date and time of expiration. 4. If patient is discharged on chronic ventilatory support, capture the date and time of discharge.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61
58	arrivaldt	Arrival Date(retired v2.73) <i>Indicate the date the patient arrived at your facility.</i>	text (date_mdy), Identifier Field Annotation: v2.73
59	sistartdt	Skin Incision Start Date And Time <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the first skin incision, or its equivalent, was made.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61

60	sistopdt	Skin Incision Stop Date And Time <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the skin incision was closed, or its equivalent. If the patient leaves the operating room with an open incision, collect the time that the dressings were applied to the incision.</i>	text (datetime_mdy), Identifier Field Annotation: v2.61						
61	anesenddt	Anesthesia End Date and Time <i>Indicate the anesthesia end time documented in the medical record. The definition of anesthesia end time is when the anesthesiologist is no longer in personal attendance, that is, when the patient is safely placed under post-anesthesia supervision.</i>	text (datetime_mdy), Identifier Field Annotation: v2.81 SeqNo. 2275						
62	prevvadd	Section Header: Ventricular Assist Devices Previous VAD Insertion Date <i>Indicate insertion date of previous VAD.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3800						
63	prevvadexptd	Previous VAD Explanted During This Admission - Date <i>Indicate date of explant.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3835						
64	vimpdt	VAD-Implant Date <i>Indicate the date the VAD was implanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3865						
65	vexptd	VAD-Explant Date <i>Indicate the date the VAD was explanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3885						
66	vimpdt2	VAD-Implant Date #2 <i>Indicate the date the VAD #2 was implanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3920						
67	vexptd2	VAD-Explant Date #2 <i>Indicate the date the VAD #2 was explanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3940						
68	vimpdt3	VAD-Implant Date #3 <i>Indicate the date the VAD #3 was implanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3975						
69	vexptd3	VAD-Explant Date #3 <i>Indicate the date the VAD #3 was explanted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 3995						
70	vtxdt	VAD-Cardiac Transplant Date(retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy), Identifier Field Annotation: v2.73						
71	vtxdt2	VAD-Cardiac Transplant Date #2(retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy), Identifier Field Annotation: v2.73						
72	vtxdt3	VAD-Cardiac Transplant Date #3(retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy), Identifier Field Annotation: v2.73						
73	disonsetdt	Section Header: Dissection Dissection Onset Date <i>Indicate dissection onset date</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 4747						
74	lfudate	Section Header: Discharge / Mortality Date of Last Follow-Up <i>Indicate the date on which the last follow-up was made. If patient dies in the hospital, this value will be the same as the date of death. If no follow-up is made after patient is discharged, this value will be the same as the discharge date.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 7000						
75	csternalmediadtdiag	Post-Op-Sternal-Mediastinitis - Date of Diagnosis(retired v2.73) <i>Indicate the date one which the mediastinitis was diagnosed.</i>	text (date_mdy), Identifier Field Annotation: v2.73						
76	deepsterninfdt	Post-Op-Deep Sternal Infection / Mediastinitis - Date <i>Indicate the first date that deep sternal wound infection or mediastinitis was documented.</i>	text (date_mdy), Identifier Field Annotation: v2.81 SeqNo. 6705						
77	dischdt	Date of Discharge <i>Indicate the date the patient was discharged from the hospital (acute care) even if the patient is going to a rehab or hospice or similar extended care unit within the same physical facility. If the patient died in the hospital, the discharge date is the date of death.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 7008						
78	mtdate	Mort-Date <i>Indicate the date the patient was declared dead.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 7121						
79	readmitdt	Section Header: Readmission Date of Readmission <i>Indicate the date the patient was readmitted.</i>	text (date_mdy), Identifier Field Annotation: v2.9 SeqNo. 7145						
80	phi_complete	Section Header: Form Status Complete?	dropdown <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								

Instrument: **Hospitalization** (hospitalization)[^ Collapse](#)

81	hospname	Hospital Name <i>Indicate the full name of the facility where the procedure was performed. Values should be full, official hospital name as it appears on the contract with the STS, with no abbreviations or variations in spelling for a single hospital. Values should also be in mixed-case.</i>	text Field Annotation: all versions								
82	hospszp	Hospital ZIP Code <i>Indicate the ZIP Code of the hospital. Outside the USA, these data may be known by other names such as Postal Code. This field should be collected in compliance with state/local privacy laws.</i>	text Field Annotation: all versions								
83	hospstat	Hospital Region <i>Indicate the region of the country (i.e., state or province) in which the hospital is located.</i>	text Field Annotation: all versions								
84	hospnpi	Hospital National Provider Identifier <i>Indicate the hospital's National Provider Identifier (NPI). This number, assigned by the Center for Medicare and Medicaid Services (CMS), is used to uniquely identify facilities for Medicare billing purposes. Non-US participants will have a unique hospital ID number assigned by STS.</i>	text Field Annotation: v2.61								
85	hicnumber	Health Insurance Claim Number(retired v2.73) <i>Indicate the Health Insurance Claim (HIC) number of the primary beneficiary. This is an 11-digit number that uniquely identifies an individual for a claim. This field should be collected in compliance with state/local privacy laws.</i>	text Field Annotation: v2.73								
86	hospcmscert	Hospital CMS Certification Number <i>Indicate the hospital's CMS certification number</i>	text Field Annotation: v2.9								
87	admitdt_deid	Section Header: Admission Date of Admission (Deid) <i>Indicate the Date of Admission. For those patients who originally enter the hospital in an out- patient capacity (i.e., catheterization), the admit date is the date the patient's status changes to in- patient. In the event admission date comes after date of surgery, use date of surgery.</i>	text (date_mdy) Field Annotation: all versions								
88	surgdt_deid	Date of Surgery (Deid) <i>Indicate the date of index cardiac surgical procedure. Index cardiac surgical procedure is defined as the initial major cardiac surgical procedure of the hospitalization.</i>	text (date_mdy) Field Annotation: all versions								
89	admitsrc	Admit Source <i>Indicate the source of admission for the patient to your facility.</i>	dropdown <table border="1" style="width: 100%;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td>Elective Admission</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Emergency Department</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Transfer in from another hospital / acute care facility</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Other</td> </tr> </table> Field Annotation: v2.73	1	Elective Admission	2	Emergency Department	3	Transfer in from another hospital / acute care facility	4	Other
1	Elective Admission										
2	Emergency Department										
3	Transfer in from another hospital / acute care facility										
4	Other										
90	arrivaldt_deid	Arrival Date (Deid) (retired v2.73) <i>Indicate the date the patient arrived at your facility.</i>	text (date_mdy) Field Annotation: v2.73								
91	arrivaltm	Arrival Time(retired v2.73) <i>Indicate the time the patient arrived at your facility. If the patient came to your facility for an elective or outpatient procedure and the time was not documented, code the scheduled time of arrival.</i>	text Field Annotation: v2.73								
92	othhoscs	Other Hospital Performs Cardiac Surgery <i>The transferring hospital has the necessary personnel and facilities to have been able to perform cardiac surgery.</i>	radio <table border="1" style="width: 100%;"> <tr> <td style="width: 20px; text-align: center;">1</td> <td>Yes</td> </tr> <tr> <td style="text-align: center;">2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
93	refcard	Referring Card-Cardiologist(retired v2.73) <i>Indicate the referring cardiologist's name.</i>	text Field Annotation: v2.73								
94	refphys	Referring Physician(retired v2.73) <i>Indicate the primary referring physician's (PCP) name.</i>	text Field Annotation: v2.73								

95	payorprim	<p>Section Header: <i>Insurance</i></p> <p>Primary Payor <i>Indicate the primary insurance payor for this admission.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 109 1427 590"> <tr><td>1</td><td>None / self</td></tr> <tr><td>2</td><td>Medicare</td></tr> <tr><td>3</td><td>Medicaid</td></tr> <tr><td>4</td><td>Military Health</td></tr> <tr><td>5</td><td>Indian Health Service</td></tr> <tr><td>6</td><td>Correctional Facility</td></tr> <tr><td>7</td><td>State Specific Plan</td></tr> <tr><td>8</td><td>Other Government Insurance</td></tr> <tr><td>9</td><td>Commercial Health Insurance</td></tr> <tr><td>10</td><td>Health Maintenance Organization</td></tr> <tr><td>11</td><td>Non-U.S. Plan</td></tr> <tr><td>12</td><td>Charitable Care/Foundation Funding</td></tr> </table> <p>Field Annotation: v2.9</p>	1	None / self	2	Medicare	3	Medicaid	4	Military Health	5	Indian Health Service	6	Correctional Facility	7	State Specific Plan	8	Other Government Insurance	9	Commercial Health Insurance	10	Health Maintenance Organization	11	Non-U.S. Plan	12	Charitable Care/Foundation Funding
1	None / self																										
2	Medicare																										
3	Medicaid																										
4	Military Health																										
5	Indian Health Service																										
6	Correctional Facility																										
7	State Specific Plan																										
8	Other Government Insurance																										
9	Commercial Health Insurance																										
10	Health Maintenance Organization																										
11	Non-U.S. Plan																										
12	Charitable Care/Foundation Funding																										
96	primmcareffs	<p>Primary Payor Medicare Fee For Service <i>Indicate whether the patient is covered by Medicare Fee For Service (Part B).</i></p>	<p>radio</p> <table border="1" data-bbox="1042 684 1118 766"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9</p>	1	Yes	2	No																				
1	Yes																										
2	No																										
97	payorsecond	<p>Secondary (Supplemental) Payor <i>Indicate which if any secondary insurance payor was used for this admission.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 863 1427 1344"> <tr><td>1</td><td>None / self</td></tr> <tr><td>2</td><td>Medicare</td></tr> <tr><td>3</td><td>Medicaid</td></tr> <tr><td>4</td><td>Military Health</td></tr> <tr><td>5</td><td>Indian Health Service</td></tr> <tr><td>6</td><td>Correctional Facility</td></tr> <tr><td>7</td><td>State Specific Plan</td></tr> <tr><td>8</td><td>Other Government Insurance</td></tr> <tr><td>9</td><td>Commercial Health Insurance</td></tr> <tr><td>10</td><td>Health Maintenance Organization</td></tr> <tr><td>11</td><td>Non-U.S. Plan</td></tr> <tr><td>12</td><td>Charitable Care/Foundation Funding</td></tr> </table> <p>Field Annotation: v2.9</p>	1	None / self	2	Medicare	3	Medicaid	4	Military Health	5	Indian Health Service	6	Correctional Facility	7	State Specific Plan	8	Other Government Insurance	9	Commercial Health Insurance	10	Health Maintenance Organization	11	Non-U.S. Plan	12	Charitable Care/Foundation Funding
1	None / self																										
2	Medicare																										
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7	State Specific Plan																										
8	Other Government Insurance																										
9	Commercial Health Insurance																										
10	Health Maintenance Organization																										
11	Non-U.S. Plan																										
12	Charitable Care/Foundation Funding																										
98	secondmcareffs	<p>Secondary Payor Medicare Fee For Service <i>Indicate whether the patient is covered by Medicare Fee For Service (Part B).</i></p>	<p>radio</p> <table border="1" data-bbox="1042 1440 1118 1522"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9</p>	1	Yes	2	No																				
1	Yes																										
2	No																										
99	payorgov	<p>Payor - Government Health Insurance(retired v2.81) <i>Indicate whether government insurance was used by the patient to pay for part or all of this admission. Government insurance refers to patients who are covered by government-reimbursed care. This includes Medicare, Medicaid, Military Health Care (e.g. TriCare), State-Specific Plan, and Indian Health Service.</i></p>	<p>radio</p> <table border="1" data-bbox="1042 1621 1118 1703"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 225</p>	1	Yes	2	No																				
1	Yes																										
2	No																										
100	payorgovmcare	<p>Payor - Government Health Insurance - Medicare(retired v2.81) <i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicare.</i></p>	<p>radio</p> <table border="1" data-bbox="1042 1797 1118 1879"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 230</p>	1	Yes	2	No																				
1	Yes																										
2	No																										

101	payorgovmcareffs	<p>Payor - Government Health Insurance - Medicare - Fee For Service(retired v2.81)</p> <p><i>Indicate if patient is covered by Medicare Fee for Service (Medicare Part B).</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 240</p>	1	Yes	2	No
1	Yes						
2	No						
102	payorgovmcaid	<p>Payor - Government Health Insurance - Medicaid(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included Medicaid.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 245</p>	1	Yes	2	No
1	Yes						
2	No						
103	payorgovmil	<p>Payor - Government Health Insurance - Military Health Care(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included Military Health Care.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 250</p>	1	Yes	2	No
1	Yes						
2	No						
104	payorgovstate	<p>Payor - Government Health Insurance - State-Specific Plan(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included State-Specific Plan (e.g., MI Health, TennCare, Mass).</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 255</p>	1	Yes	2	No
1	Yes						
2	No						
105	payorgovihs	<p>Payor - Government Health Insurance - Indian Health Service(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included Indian Health Service.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 260</p>	1	Yes	2	No
1	Yes						
2	No						
106	payorgovcor	<p>Payor - Government Health Insurance - Correctional Facility(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included a state or federal correctional facility.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 265</p>	1	Yes	2	No
1	Yes						
2	No						
107	payorgovoth	<p>Payor - Government Health Insurance - Other(retired v2.81)</p> <p><i>Indicate whether the government insurance used by the patient to pay for part or all of this admission included some other government plan.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 270</p>	1	Yes	2	No
1	Yes						
2	No						
108	payorcom	<p>Payor - Commercial Health Insurance(retired v2.81)</p> <p><i>Indicate whether commercial insurance was used by the patient to pay for part or all of this admission. Commercial insurance refers to all indemnity (fee-for-service) carriers and Preferred Provider Organizations (PPOs), (e.g., Blue Cross and Blue Shield).</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 275</p>	1	Yes	2	No
1	Yes						
2	No						
109	payorhmo	<p>Payor - Health Maintenance Organization(retired v2.81)</p> <p><i>Indicate whether a Health Maintenance Organization (HMO) insurance was used by the patient to pay for part or all of this admission. HMO refers to a Health Maintenance Organization characterized by coverage that provides health care services for members on a pre-paid basis.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 280</p>	1	Yes	2	No
1	Yes						
2	No						
110	payornonus	<p>Payor - Non-U.S. Insurance(retired v2.81)</p> <p><i>Indicate whether any non-U.S. insurance was used by the patient to pay for part or all of this admission.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 285</p>	1	Yes	2	No
1	Yes						
2	No						
111	payorns	<p>Payor - None / Self(retired v2.81)</p> <p><i>Indicate whether no insurance was used by the patient to pay for this admission. None refers to individuals with no or limited health insurance; thus, the individual is the payor regardless of ability to pay. Only mark 'None' when 'self' or 'none' is denoted as the first insurance in the medical record.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 290</p>	1	Yes	2	No
1	Yes						
2	No						

112	hospitalization_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																
Instrument: Risk Factors (risk_factors)			^ Collapse														
113	predcoefvrsn	Risk Model Coefficients Version Number(retired v2.61) <i>The version number of the set of coefficients used in the risk models to calculate the risk scores for this record. The value is inserted into the record at the time the risk calculations are performed. The version numbers will be specified by the STS.</i>	text Field Annotation: v2.61														
114	heightcm	Height (cm) <i>Indicate the height of the patient in centimeters.</i>	text (number, Min: 20, Max: 251) Field Annotation: all versions														
115	weightkg	Weight (kg) <i>Indicate the weight of the patient in kilograms closest to the date of procedure.</i>	text (number, Min: 10, Max: 250) Field Annotation: all versions														
116	cigsmoker	Cigarette Smoker(retired v2.73) <i>Indicate if the patient has smoked cigarettes anytime during the year prior to surgery.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
117	fhcad	RF-Family History of Premature CAD <i>Indicate if the patient has any direct blood relatives (parents, siblings, children) who have had any of the following at age < 55 y for male relatives or < 65 y for female relatives: • Angina • Acute MI • Sudden cardiac death without obvious cause • CABG surgery • PCI</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown								
1	Yes																
2	No																
3	Unknown																
118	cigsmokercurr	Cigarette Smoker Current(retired v2.73) <i>Indicate whether the patient smoked cigarettes within two weeks prior to procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
119	diabetes	RF-Diabetes <i>History of diabetes diagnosed and/or treated by a healthcare provider. The American Diabetes Association criteria include documentation of the following: 1. Hemoglobin A1c >=6.5%; or 2. Fasting plasma glucose >=126 mg/dL (7.0 mmol/L); or 3. 2-h Plasma glucose >=200 mg/dL (11.1 mmol/L) during an oral glucose tolerance test; or 4. In a patient with classic symptoms of hyperglycemia or hyperglycemic crisis, a random plasma glucose >=200 mg/dL (11.1 mmol/L) This does not include gestational diabetes. 2013 ACCF/AHA Data Standards Cannon et al. JACC Vol. 61, No. 9, 2013</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown								
1	Yes																
2	No																
3	Unknown																
120	othtobuse	Other Tobacco Use(retired v2.73) <i>Current or previous use of any tobacco product other than cigarettes, including cigars, pipes, and chewing tobacco.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
121	diabctrl	RF-Diabetes-Control <i>Indicate the patient's diabetes control method as presented on admission. Patients placed on a preprocedure diabetic pathway of insulin drip at admission but whose diabetes was controlled by diet or oral methods are not coded as being treated with insulin. Choose the most aggressive therapy from the order below •Insulin: insulin treatment (includes any combination with insulin) •Other subcutaneous medications (e.g., GLP-1 agonist) •Oral: treatment with oral agent (includes oral agent with or without diet treatment) •Diet only: Treatment with diet only •None: no treatment for diabetes •Other: other adjunctive treatment, non-oral/insulin/diet •Unknown 2013 ACCF/AHA Data Standards Cannon et al. JACC Vol. 61, No. 9, 2013</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Diet only</td></tr> <tr><td>3</td><td>Oral</td></tr> <tr><td>4</td><td>Insulin</td></tr> <tr><td>5</td><td>Other</td></tr> <tr><td>6</td><td>Other Subcutaneous Medication</td></tr> <tr><td>7</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	None	2	Diet only	3	Oral	4	Insulin	5	Other	6	Other Subcutaneous Medication	7	Unknown
1	None																
2	Diet only																
3	Oral																
4	Insulin																
5	Other																
6	Other Subcutaneous Medication																
7	Unknown																

122	dyslip	RF-Dyslipidemia <i>Indicate if the patient has a history of dyslipidemia that was diagnosed and/or treated by a physician. NCEP criteria include documentation of the following:</i> <ul style="list-style-type: none"> • Total cholesterol >200 mg/dL (5.18 mmol/L); or • LDL ≥130 mg/dL (3.37 mmol/L); • HDL < 40 mg/dL (1.04 mmol/L) in men and < 50 mg/dL (1.30 mmol/L) in women; • Currently receiving antilipidemic treatment 	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Unknown																				
1	Yes																												
2	No																												
3	Unknown																												
123	dialysis	RF-Renal Fail-Dialysis <i>Indicate whether the patient is currently (prior to surgery) undergoing dialysis.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown																				
1	Yes																												
2	No																												
3	Unknown																												
124	hypertn	RF-Hypertension <i>Indicate if the patient has a current diagnosis of hypertension defined by any 1 of the following</i> <ul style="list-style-type: none"> • History of hypertension diagnosed and treated with medication, diet, and/or exercise • Prior documentation of blood pressure >140 mm Hg systolic and/or 90 mm Hg diastolic for patients without diabetes or chronic kidney disease, or prior documentation of blood pressure >130 mm Hg systolic or 80 mm Hg diastolic on at least 2 occasions for patients with diabetes or chronic kidney disease • Currently undergoing pharmacological therapy for treatment of hypertension 	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown																				
1	Yes																												
2	No																												
3	Unknown																												
125	infendo	RF- Endocarditis <i>Indicate whether the patient has a history of endocarditis. Endocarditis must meet the current CDC definition (see Training Manual). Choose 'Yes' for patients with pre-operative endocarditis who begin antibiotics post-op. Code 'Yes' for patients who are diagnosed intraoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No																						
1	Yes																												
2	No																												
126	infendty	RF-Infect Endocard Type <i>Indicate the type of endocarditis the patient has. If the patient is currently being treated for endocarditis, the disease is considered active. If no antibiotic medication (other than prophylactic medication) is being given at the time of surgery and the cultures are negative, then the infection is considered treated.</i>	radio <table border="1"> <tr><td>1</td><td>Treated</td></tr> <tr><td>2</td><td>Active</td></tr> </table> Field Annotation: all versions	1	Treated	2	Active																						
1	Treated																												
2	Active																												
127	infendcult	RF-Infect Endocard Culture <i>Indicate culture results (may use cultures obtained in the OR).</i>	dropdown <table border="1"> <tr><td>1</td><td>Culture negative</td></tr> <tr><td>2</td><td>Staphylococcus aureus</td></tr> <tr><td>3</td><td>Streptococcus species</td></tr> <tr><td>11</td><td>Methicillian resistant staphylococcus aureus (MRSA)</td></tr> <tr><td>12</td><td>Methicillian sensitive staphylococcus aureus (MSSA)</td></tr> <tr><td>4</td><td>Coagulase negative staphylococcus</td></tr> <tr><td>5</td><td>Enterococcus species</td></tr> <tr><td>9</td><td>Gram negative species</td></tr> <tr><td>10</td><td>Polymicrobial</td></tr> <tr><td>13</td><td>Mycobacterium (chimera)</td></tr> <tr><td>6</td><td>Fungal</td></tr> <tr><td>7</td><td>Other</td></tr> <tr><td>8</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Culture negative	2	Staphylococcus aureus	3	Streptococcus species	11	Methicillian resistant staphylococcus aureus (MRSA)	12	Methicillian sensitive staphylococcus aureus (MSSA)	4	Coagulase negative staphylococcus	5	Enterococcus species	9	Gram negative species	10	Polymicrobial	13	Mycobacterium (chimera)	6	Fungal	7	Other	8	Unknown
1	Culture negative																												
2	Staphylococcus aureus																												
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9	Gram negative species																												
10	Polymicrobial																												
13	Mycobacterium (chimera)																												
6	Fungal																												
7	Other																												
8	Unknown																												

128	tobaccouse	RF-Tobacco Use <i>Indicate current (within 30 days prior to admission) or previous use of any tobacco product, including Cigarettes, Pipe, Cigars, Smokeless Cans, Other tobacco products (orbs, strips, sticks, hookah, etc.). Meaningful Use Definition http://www.healthit.gov/providers-professionals/achieve-meaningful-use/core-measures/record-smoking-status</i>	dropdown <table border="1"> <tr><td>1</td><td>Never smoker</td></tr> <tr><td>2</td><td>Current every day smoker</td></tr> <tr><td>3</td><td>Current some day smoker</td></tr> <tr><td>4</td><td>Smoker, current status (frequency) unknown</td></tr> <tr><td>5</td><td>Former smoker</td></tr> <tr><td>6</td><td>Smoking status unknown</td></tr> </table> Field Annotation: v2.81	1	Never smoker	2	Current every day smoker	3	Current some day smoker	4	Smoker, current status (frequency) unknown	5	Former smoker	6	Smoking status unknown		
1	Never smoker																
2	Current every day smoker																
3	Current some day smoker																
4	Smoker, current status (frequency) unknown																
5	Former smoker																
6	Smoking status unknown																
129	chrlungd	RF-Chronic Lung Disease <i>Indicate whether the patient has chronic lung disease, and the severity level according to the following classification: No; Mild: FEV1 60% to 75% of predicted, and/or on chronic inhaled or oral bronchodilator therapy. Moderate: FEV1 50% to 59% of predicted, and/or on chronic oral/systemic steroid therapy aimed at lung disease. Severe: FEV1 < 50% and/or Room Air pO2 < 60 or pCO2 > 50. CLD present, severity not documented. Unknown A history of chronic inhalation reactive disease (asbestosis, mesothelioma, black lung disease or pneumoconiosis) may qualify as chronic lung disease. Radiation induced pneumonitis or radiation fibrosis also qualifies as chronic lung disease. (if above criteria is met) A history of atelectasis is a transient condition and does not qualify. Chronic lung disease can include patients with chronic obstructive pulmonary disease, chronic bronchitis, or emphysema. It can also include a patient who is currently being chronically treated with inhaled or oral pharmacological therapy (e.g., beta-adrenergic agonist, anti-inflammatory agent, leukotriene receptor antagonist, or steroid). Patients with asthma or seasonal allergies are not considered to have chronic lung disease.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Lung disease documented, severity unknown</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	No	2	Mild	3	Moderate	4	Severe	5	Lung disease documented, severity unknown	6	Unknown		
1	No																
2	Mild																
3	Moderate																
4	Severe																
5	Lung disease documented, severity unknown																
6	Unknown																
130	chrlungdtype	RF-Chronic Lung Disease - Type <i>Indicate the type of chronic lung disease.</i>	dropdown <table border="1"> <tr><td>1</td><td>Obstructive</td></tr> <tr><td>2</td><td>Reactive</td></tr> <tr><td>3</td><td>Interstitial Fibrosis</td></tr> <tr><td>7</td><td>Restrictive</td></tr> <tr><td>4</td><td>Other</td></tr> <tr><td>5</td><td>Multiple</td></tr> <tr><td>6</td><td>Not Documented</td></tr> </table> Field Annotation: v2.81	1	Obstructive	2	Reactive	3	Interstitial Fibrosis	7	Restrictive	4	Other	5	Multiple	6	Not Documented
1	Obstructive																
2	Reactive																
3	Interstitial Fibrosis																
7	Restrictive																
4	Other																
5	Multiple																
6	Not Documented																
131	pft	RF-Pulmonary Function Test <i>Indicate whether pulmonary function tests were performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
132	fev1	RF-Forced Expiratory Volume Predicted <i>Indicate the FEV1 % predicted from the most recent pulmonary function test prior to procedure. Choose the highest value reported for % predicted, whether or not a bronchodilator was used.</i>	text (number, Min: 1, Max: 200) Field Annotation: v2.73														
133	dlco	DLCO Test Performed <i>Indicate whether a lung diffusion test (DLCO) was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
134	dlcopred	DLCO Predicted <i>Indicate the % predicted DLCO value obtained for the patient. Choose the value that represents the highest % predicted whether or not it is the simple DLCO or the DLCO/VA.</i>	text (number, Min: 10, Max: 200) Field Annotation: v2.73														
135	abg	RF-Arterial Blood Gas <i>Indicate whether a room-air arterial blood gas was performed prior to surgery. Answer no if the only available arterial blood gasses were drawn while patient was receiving supplemental oxygen.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
136	pco2	RF-Carbon Dioxide Level <i>Indicate PCO2 on most recent room air blood gas prior to procedure.</i>	text (number, Min: 20, Max: 120) Field Annotation: v2.73														

137	po2	RF-Oxygen Level <i>Indicate PO2 result on most recent room air arterial blood gas prior to procedure.</i>	text (number, Min: 40, Max: 500) Field Annotation: v2.73										
138	hmo2	RF-Home Oxygen <i>Indicate whether supplemental oxygen at home is prescribed and used.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes, PRN</td></tr> <tr><td>4</td><td>Yes, oxygen dependent</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>5</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	3	Yes, PRN	4	Yes, oxygen dependent	2	No	5	Unknown
1	Yes												
3	Yes, PRN												
4	Yes, oxygen dependent												
2	No												
5	Unknown												
139	bdtx	RF-Inhaled Medication or Oral Bronchodilator Therapy <i>Indicate whether oral and/or inhaled bronchodilator or inhaled (not oral or IV) steroid medications were in use by the patient routinely prior to this procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
140	slpapn	RF-Sleep Apnea <i>Indicate whether patient has a diagnosis of sleep apnea (may be described as obstructive sleep apnea or OSA).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
141	pneumonia	RF-Pneumonia <i>Indicate whether patient has a recent (within 30 days) or remote (more than 30 days) history of pneumonia.</i>	radio <table border="1"> <tr><td>2</td><td>Recent</td></tr> <tr><td>3</td><td>Remote</td></tr> <tr><td>1</td><td>No</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	2	Recent	3	Remote	1	No	4	Unknown		
2	Recent												
3	Remote												
1	No												
4	Unknown												
142	ivdrugab	RF-Illicit Drug Use <i>Indicate whether documented history of use of illicit drugs, such as heroin, marijuana, cocaine, or methamphetamine, or abuse of a controlled substance. Do not include rare historical use. Do not include prescribed medicinal marijuana.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>4</td><td>Recent</td></tr> <tr><td>5</td><td>Remote</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	4	Recent	5	Remote	2	No	3	Unknown
1	Yes												
4	Recent												
5	Remote												
2	No												
3	Unknown												
143	depression	RF-Depression <i>Indicate whether there is a current or previous history of depression or documentation of a depressed mood or affect.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.81	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
144	alcohol	RF-Alcohol Use <i>Specify alcohol consumption history.</i>	radio <table border="1"> <tr><td>1</td><td><= 1 drink/week</td></tr> <tr><td>2</td><td>2-7 drinks/week</td></tr> <tr><td>3</td><td>>= 8 drinks/week</td></tr> <tr><td>4</td><td>None</td></tr> <tr><td>5</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	<= 1 drink/week	2	2-7 drinks/week	3	>= 8 drinks/week	4	None	5	Unknown
1	<= 1 drink/week												
2	2-7 drinks/week												
3	>= 8 drinks/week												
4	None												
5	Unknown												

145	liverdis	RF-Liver Disease <i>Indicate whether the patient has a history of hepatitis B, hepatitis C, cirrhosis, portal hypertension, esophageal varices, chronic alcohol abuse or congestive hepatopathy. Exclude NASH in the absence of cirrhosis.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
146	liverchildpugh	RF-Liver Disease - Child Pugh Class <i>Indicate the Child Pugh Class, if known.</i>	radio <table border="1"> <tr><td>1</td><td>A</td></tr> <tr><td>2</td><td>B</td></tr> <tr><td>3</td><td>C</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 486	1	A	2	B	3	C	4	Unknown
1	A										
2	B										
3	C										
4	Unknown										
147	livertranslist	RF-Liver Disease - Listed for Liver Transplant <i>Indicate whether the patient is listed for liver transplant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 487	1	Yes	2	No				
1	Yes										
2	No										
148	liverstatuspost	RF-Liver Disease - Status Post Liver Transplant <i>Indicate whether the patient has received a liver transplant prior to this operation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 488	1	Yes	2	No				
1	Yes										
2	No										
149	immsupp	RF-Immunocompromise <i>Indicate whether immunocompromise is present due to immunosuppressive medication therapy within 30 days preceding the operative procedure or existing medical condition (see training manual). This includes, but is not limited to systemic steroid therapy, anti-rejection medications and chemotherapy. This does not include topical steroid applications, one time systemic therapy, inhaled steroid therapy or preprocedure protocol.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
150	mediastrad	RF-Mediastinal Radiation <i>Indicate whether patient has a history of radiation therapy to the mediastinum or chest.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
151	cancer	RF-Cancer Within 5 Years <i>Indicate whether the patient has a history of cancer diagnosed within 5 years of procedure. Do not capture low grade skin cancers such as basal cell or squamous cell carcinoma.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
152	pvd	RF-Peripheral Arterial Disease <i>Indicate whether the patient has a history of peripheral arterial disease (includes upper and lower extremity, renal, mesenteric, and abdominal aortic systems). This can include: 1. Claudication, either with exertion or at rest, 2. Amputation for arterial vascular insufficiency, 3. Vascular reconstruction, bypass surgery, or percutaneous intervention to the extremities (excluding dialysis fistulas and vein stripping), 4. Documented abdominal aortic aneurysm with or without repair, 5. Positive noninvasive test (e.g., ankle brachial index =< 0.9, ultrasound, magnetic resonance or computed tomography imaging of > 50% diameter stenosis in any peripheral artery, i.e., renal, subclavian, femoral, iliac) or angiographic imaging Peripheral arterial disease excludes disease in the carotid, cerebrovascular arteries or thoracic aorta. PVD does not include DVT.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										

153	thaodisease	RF-Thoracic Aorta Disease <i>Indicate whether the patient has a history of disease of the thoracic or thoracoabdominal aorta. Abdominal aortic disease without thoracic involvement is captured in peripheral artery disease.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.81	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
154	syncope	RF-Syncope <i>Indicate whether the patient had a sudden loss of consciousness with loss of postural tone, not related to anesthesia, with spontaneous recovery and believed to be related to cardiac condition. Capture events occurring within the past one year as reported by patient or observer. Patient may experience syncope when supine.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
155	cvdcoma	RF-Coma(retired v2.61) <i>Indicate whether the patient has a history of Unresponsive Coma greater than 24 hours experienced complete mental unresponsiveness and no evidence of psychological or physiologically appropriate responses to stimulation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No				
1	Yes										
2	No										
156	unrespstat	RF-Unresponsive Neurologic State <i>Indicate whether the patient has a history of non-medically induced, unresponsive state within 24 hours of the time of surgery. Patient experienced complete mental unresponsiveness and no evidence of psychological or physiologically appropriate responses to stimulation, includes patients who experience sudden cardiac death.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
157	chestwalldf	RF-Chest Wall Deformity <i>Indicate whether the patient has a chest wall deformity.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 521	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
158	cvd	RF-Cerebrovascular Dis <i>Indicate whether the patient has a current or previous history of any of the following a. Stroke: Stroke is an acute episode of focal or global neurological dysfunction caused by brain, spinal cord, or retinal vascular injury as a result of hemorrhage or infarction, where the neurological dysfunction lasts for greater than 24 hours. B. TIA: is defined as a transient episode of focal neurological dysfunction caused by brain, spinal cord, or retinal ischemia, without acute infarction, where the neurological dysfunction resolves within 24 hours. C. Noninvasive or invasive arterial imaging test demonstrating $\geq 50\%$ stenosis of any of the major extracranial or intracranial vessels to the brain d. Previous cervical or cerebral artery revascularization surgery or percutaneous intervention This does not include chronic (nonvascular) neurological diseases or other acute neurological insults such as metabolic and anoxic ischemic encephalopathy.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
159	cva	RF-Prior CVA <i>Indicate whether the patient has a history of stroke. Stroke is an acute episode of focal or global neurological dysfunction caused by brain, spinal cord, or retinal vascular injury as a result of hemorrhage or infarction, where the neurological dysfunction lasts for greater than 24 hours.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										
160	cvawhen	RF-Prior CVA-When <i>Indicate when the CVA events occurred. Those events occurring within 30 days prior to the surgical procedure are considered recent, while all others are considered remote.</i>	radio <table border="1"> <tr><td>1</td><td>Recent (≤ 2wk.)</td></tr> <tr><td>2</td><td>Remote (>2 wk.),</td></tr> <tr><td>3</td><td>≤ 30 days</td></tr> <tr><td>4</td><td>> 30 days</td></tr> </table> Field Annotation: all versions	1	Recent (≤ 2 wk.)	2	Remote (>2 wk.),	3	≤ 30 days	4	> 30 days
1	Recent (≤ 2 wk.)										
2	Remote (>2 wk.),										
3	≤ 30 days										
4	> 30 days										

161	cvdtia	RF-CVD TIA <i>Indicate whether the patient has a history of a Transient Ischemic Attack (TIA). Transient ischemic attack (TIA) is defined as a transient episode of focal neurological dysfunction caused by brain, spinal cord, or retinal ischemia, without acute infarction, where the neurological dysfunction resolves within 24 hours.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
162	cvdrind	RF-CVD RIND(retired v2.61) <i>Indicate whether the patient has a history of a Reversible Ischemic Neurologic Deficit (RIND) Patient has a history of loss of neurological function with symptoms at least 24 hours after onset but with complete return of function within 72 hours.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												
163	cvdcarsten	RF-CVD Carotid Stenosis <i>Indicate which carotid artery was determined from any diagnostic test to be >= 50% stenotic.</i>	radio <table border="1"> <tr><td>2</td><td>Right</td></tr> <tr><td>3</td><td>Left</td></tr> <tr><td>4</td><td>Both</td></tr> <tr><td>1</td><td>None</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	2	Right	3	Left	4	Both	1	None	5	Not documented
2	Right												
3	Left												
4	Both												
1	None												
5	Not documented												
164	cvdstenrt	RF-CVD Carotid Stenosis - Right <i>Indicate the severity of stenosis reported on the right carotid artery.</i>	dropdown <table border="1"> <tr><td>3</td><td>50% to 79%</td></tr> <tr><td>1</td><td>80% to 99%</td></tr> <tr><td>2</td><td>100%</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	3	50% to 79%	1	80% to 99%	2	100%	4	Not documented		
3	50% to 79%												
1	80% to 99%												
2	100%												
4	Not documented												
165	cvdninvas	RF-CVD NonInvas >75%(retired v2.61) <i>Indicate whether the patient has a history of a Non-invasive/invasive carotid test with greater than 75% occlusion.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												
166	cvdstenlft	RF-CVD Carotid Stenosis - Left <i>Indicate the severity of stenosis reported on the left carotid artery.</i>	dropdown <table border="1"> <tr><td>3</td><td>50% to 79%</td></tr> <tr><td>1</td><td>80% to 99%</td></tr> <tr><td>2</td><td>100%</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	3	50% to 79%	1	80% to 99%	2	100%	4	Not documented		
3	50% to 79%												
1	80% to 99%												
2	100%												
4	Not documented												
167	cvdpcarsurg	RF-CVD Prior Carotid Surgery <i>Indicate whether the patient has a history of previous carotid artery surgery and/or stenting.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												
168	wbc	RF-Last WBC Count <i>Indicate the pre-operative White Blood Cell (WBC) count closest to the date and time prior to surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 0.1, Max: 99.99) Field Annotation: v2.61										
169	rhemoglobin	RF-Hemoglobin <i>Indicate the pre-operative Hemoglobin level at the date and time closest to surgery but prior to anesthetic management (induction area or operating room). Capture only measured hemoglobin levels, not calculated values.</i>	text (number, Min: 1, Max: 50) Field Annotation: v2.81										
170	hct	RF-Last Hematocrit <i>Indicate the pre-operative Hematocrit level at the date and time closest to surgery but prior to anesthetic management (induction area or operating room). Capture only measured hematocrit levels, not calculated values.</i>	text (number, Min: 1, Max: 99.99) Field Annotation: v2.81										

171	platelets	RF-Platelets <i>Indicate the platelet count closest to the date and time prior to surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 1000, Max: 900000) Field Annotation: v2.73						
172	creatlst	RF-Last Creat Level <i>Indicate the creatinine level closest to the date and time prior surgery but prior to anesthetic management (induction area or operating room). A creatinine level should be collected on all patients, even if they have no prior history of renal disease. A creatinine value is a high predictor of a patient's outcome and is used in the predicted risk models.</i>	text (number, Min: 0.1, Max: 30) Field Annotation: all versions						
173	totalbumin	RF-Total Albumin <i>Indicate the total albumin closest to the date and time prior to surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 1, Max: 10) Field Annotation: v2.73						
174	totblrnb	RF-Total Bilirubin <i>Indicate the total Bilirubin closest to the date and time prior to surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 0.1, Max: 50) Field Annotation: v2.73						
175	a1c1vl	RF-Last A1c Level <i>Indicate the pre-operative HbA1c level closest to the date and time prior surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 1, Max: 20) Field Annotation: v2.61						
176	hitanti	RF-HIT Antibodies <i>Indicate whether Heparin Induced Thrombocytopenia (HIT) is confirmed by antibody testing.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Not Applicable</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Not Applicable
1	Yes								
2	No								
3	Not Applicable								
177	inr	RF-INR <i>Indicate the International Normalized Ratio (INR) closest to the date and time prior to surgery but prior to anesthetic management (induction area or operating room).</i>	text (number, Min: 0.5, Max: 30) Field Annotation: v2.73						
178	meldscr	RF-MELD Score <i>MELD score value calculated by software to indicate severity of liver disease.</i>	text (number, Min: -50, Max: 150) Field Annotation: v2.73						
179	gdf15	RF-Growth Differentiation Factor 15(retired v2.81) <i>Growth differentiation factor 15 (GDF15) is a protein belonging to the transforming growth factor beta superfamily that has a role in regulating inflammatory and apoptotic pathways in injured tissues and during disease processes. GDF15 is also known as TGF-PL, MIC-1, PDF, PLAB, and PTGFB. GDF15 mRNA is most abundant in the liver, with lower levels seen in some other tissues. Its expression in liver can be significantly up-regulated in during injury of organs such as liver, kidney, heart and lung. Moreover, increased circulating GDF-15 concentrations have been linked to an enhanced risk of future adverse cardiovascular events in elderly women and it is a new biomarker of the risk of death in patients with non-ST-elevation acute coronary syndrome. Values are expressed in pg/mL.</i>	text Field Annotation: v2.81 SeqNo. 640						
180	hscrp	RF-High-Sensitivity CRP or Ultra-sensitive CRP(retired v2.81) <i>The high-sensitivity C-reactive protein (hsCRP) assay is a quantitative analysis test of very low levels of C-reactive protein (CRP) in the blood. The hsCRP assay is being increasingly used as a marker for cardiac risk assessment and as a prognostic tool in heart disease. The CRP test, in addition to lipid evaluation and global risk scoring systems, helps in the evaluation of cardiovascular disease risk in an individual. C-reactive protein is an acute phase protein that appears in circulation in response to inflammatory cytokines, such as interleukin-6, and serves as a biomarker for systemic inflammation. Only code hsCRP. Values are expressed in mg/L.</i>	text Field Annotation: v2.81 SeqNo. 635						
181	hstnt	RF-High-Sensitivity Troponin T(retired v2.81) <i>hsTnT concentrations are found to be related to several factors like severity of coronary artery disease, left ventricular mass, left ventricular ejection fraction and regional wall motion abnormality. In patients with acute chest pain, myocardial perfusion abnormalities and coronary artery disease are predicted by resting hsTnT levels. Do not code other troponins here. Values are expressed in ng/L.</i>	text Field Annotation: v2.81 SeqNo. 630						
182	ntprobnp	RF-N-Terminal Prohormone of Brain Natriuretic Peptide(retired v2.81) <i>NT-proBNP level in the blood is used for screening, diagnosis of acute congestive heart failure (CHF) and may be useful to establish prognosis in heart failure, levels are typically higher in patients with worse outcome. The plasma concentration of NT-proBNP is typically increased in patients with asymptomatic or symptomatic left ventricular dysfunction and is associated with coronary artery disease and myocardial ischemia. Normal NTpBNP levels should be stratified by age and gender. Normal NTpBNP levels give high NPV in excluding significant cardiovascular disease. Most subjects with raised NTpBNP levels and almost all subjects with NTpBNP levels over four times the normal have significant cardiovascular disease. Values are expressed in pg/mL.</i>	text Field Annotation: v2.81 SeqNo. 625						
183	bnp	RF-BNP <i>Indicate the BNP value.</i>	text (number, Min: 5, Max: 70000) Field Annotation: v2.81 SeqNo 620						

184	fivemwalktest	RF-Five Meter Walk Test Done <i>Indicate whether the five meter walk test was done.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Non-ambulatory patient</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Non-ambulatory patient
1	Yes								
2	No								
3	Non-ambulatory patient								
185	fivemwalk1	RF-Five Meter Walk Time 1 <i>Indicate the time in seconds it takes the patient to walk 5 meters for the first of three tests.</i>	text (number, Min: 1, Max: 100) Field Annotation: v2.73						
186	fivemwalk2	RF-Five Meter Walk Time 2 <i>Indicate the time in seconds it takes the patient to walk 5 meters for the second of three tests.</i>	text (number, Min: 1, Max: 100) Field Annotation: v2.73						
187	fivemwalk3	RF-Five Meter Walk Time 3 <i>Indicate the time in seconds it takes the patient to walk 5 meters for the third of three tests.</i>	text (number, Min: 1, Max: 100) Field Annotation: v2.73						
188	sixmwalkdone	RF - Six Minute Walk Test Done <i>Indicate whether a six-minute walk test was done.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 661	1	Yes	2	No		
1	Yes								
2	No								
189	sixmwalkdist	RF - Six Minute Walk Test Distance <i>Indicate the distance in feet the patient walked during the six-minute walk test.</i>	text (number, Min: 1, Max: 3000) Field Annotation: v2.9 SeqNo. 662						
190	risk_factors_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete
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1	Unverified								
2	Complete								
Instrument: Previous Cardiac Interventions (previous_cardiac_interventions)			^ Collapse						
191	prcvint	Prev Cardiac Intervent <i>Indicate whether the patient has undergone any previous cardiovascular intervention, either surgical or non-surgical, which may include those done during the current admission.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Unknown
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2	No								
3	Unknown								
192	prcab	Prev CAB <i>Indicate whether the patient had a previous Coronary Bypass Graft prior to the current admission.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No		
1	Yes								
2	No								
193	prothcar	Prev Oth Card (retired 2.73) <i>Indicate whether the patient had a previous intrapericardial or great vessel (e.g., aorta, superior vena cava, inferior vena cava, pulmonary arteries and veins) procedure performed. This may include, but is not limited to LVA, acquired VSD, SVR, TMR, cardiac trauma, pericardial window, pericardiectomy, cardiac tumor, myectomy or heart transplant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
194	prvalve	Prev Valve <i>Indicate whether the patient had a previous surgical replacement and/or surgical repair of a cardiac valve. This may also include percutaneous valve procedures.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No		
1	Yes								
2	No								
195	prvalvemonths	Estimate Number of Months Since Previous Valve Procedure (retired v2.73) <i>Indicate the best estimate of the number of months since the most recent prior valve procedure was performed.</i>	text Field Annotation: v2.73						

196	prvaldtknown	<p>Exact Date of Previous Valve Procedure Known(retired v2.73) <i>Indicate whether the exact date of the previous valve procedure is known.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 109 1120 189"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																								
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2	No																																														
197	prvalvedate_deid	<p>Date of Previous Valve Procedure (Deid) (retired v2.73) <i>Indicate the date on which the previous valve procedure was performed.</i></p>	<p>text (date_mdy) Field Annotation: v2.73</p>																																												
198	prvalveproc1	<p>Prev Valve Procedure 1 <i>Indicate the first previous valve procedure.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 348 1529 1260"> <tr><td>2</td><td>Aortic valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>3</td><td>Aortic valve repair, surgical</td></tr> <tr><td>4</td><td>Aortic valve replacement, surgical</td></tr> <tr><td>5</td><td>Aortic valve replacement, transcatheter</td></tr> <tr><td>6</td><td>Mitral valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>7</td><td>Mitral valve commissurotomy, surgical</td></tr> <tr><td>8</td><td>Mitral valve repair, percutaneous</td></tr> <tr><td>9</td><td>Mitral valve repair, surgical</td></tr> <tr><td>10</td><td>Mitral valve replacement, surgical</td></tr> <tr><td>11</td><td>Mitral valve replacement, transcatheter</td></tr> <tr><td>12</td><td>Tricuspid valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>13</td><td>Tricuspid valve repair, percutaneous</td></tr> <tr><td>14</td><td>Tricuspid valve repair, surgical</td></tr> <tr><td>15</td><td>Tricuspid valve replacement, surgical</td></tr> <tr><td>16</td><td>Tricuspid valve replacement, transcatheter</td></tr> <tr><td>17</td><td>Tricuspid valvectomy</td></tr> <tr><td>18</td><td>Pulmonary valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>19</td><td>Pulmonary valve repair, surgical</td></tr> <tr><td>20</td><td>Pulmonary valve replacement, surgical</td></tr> <tr><td>21</td><td>Pulmonary valve replacement, transcatheter</td></tr> <tr><td>22</td><td>Pulmonary valvectomy</td></tr> <tr><td>23</td><td>Other valve procedure</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 695</p>	2	Aortic valve balloon valvotomy/valvuloplasty	3	Aortic valve repair, surgical	4	Aortic valve replacement, surgical	5	Aortic valve replacement, transcatheter	6	Mitral valve balloon valvotomy/valvuloplasty	7	Mitral valve commissurotomy, surgical	8	Mitral valve repair, percutaneous	9	Mitral valve repair, surgical	10	Mitral valve replacement, surgical	11	Mitral valve replacement, transcatheter	12	Tricuspid valve balloon valvotomy/valvuloplasty	13	Tricuspid valve repair, percutaneous	14	Tricuspid valve repair, surgical	15	Tricuspid valve replacement, surgical	16	Tricuspid valve replacement, transcatheter	17	Tricuspid valvectomy	18	Pulmonary valve balloon valvotomy/valvuloplasty	19	Pulmonary valve repair, surgical	20	Pulmonary valve replacement, surgical	21	Pulmonary valve replacement, transcatheter	22	Pulmonary valvectomy	23	Other valve procedure
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199	prvalveproc2	<p>Prev Valve Procedure 2 <i>Indicate the second previous valve procedure or select 'No additional valve procedures'</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional valve procedure(s)</td></tr> <tr><td>2</td><td>Aortic valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>3</td><td>Aortic valve repair, surgical</td></tr> <tr><td>4</td><td>Aortic valve replacement, surgical</td></tr> <tr><td>5</td><td>Aortic valve replacement, transcatheter</td></tr> <tr><td>6</td><td>Mitral valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>7</td><td>Mitral valve commissurotomy, surgical</td></tr> <tr><td>8</td><td>Mitral valve repair, percutaneous</td></tr> <tr><td>9</td><td>Mitral valve repair, surgical</td></tr> <tr><td>10</td><td>Mitral valve replacement, surgical</td></tr> <tr><td>11</td><td>Mitral valve replacement, transcatheter</td></tr> <tr><td>12</td><td>Tricuspid valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>13</td><td>Tricuspid valve repair, percutaneous</td></tr> <tr><td>14</td><td>Tricuspid valve repair, surgical</td></tr> <tr><td>15</td><td>Tricuspid valve replacement, surgical</td></tr> <tr><td>16</td><td>Tricuspid valve replacement, transcatheter</td></tr> <tr><td>17</td><td>Tricuspid valvectomy</td></tr> <tr><td>18</td><td>Pulmonary valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>19</td><td>Pulmonary valve repair, surgical</td></tr> <tr><td>20</td><td>Pulmonary valve replacement, surgical</td></tr> <tr><td>21</td><td>Pulmonary valve replacement, transcatheter</td></tr> <tr><td>22</td><td>Pulmonary valvectomy</td></tr> <tr><td>23</td><td>Other valve procedure</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 700</p>	1	No additional valve procedure(s)	2	Aortic valve balloon valvotomy/valvuloplasty	3	Aortic valve repair, surgical	4	Aortic valve replacement, surgical	5	Aortic valve replacement, transcatheter	6	Mitral valve balloon valvotomy/valvuloplasty	7	Mitral valve commissurotomy, surgical	8	Mitral valve repair, percutaneous	9	Mitral valve repair, surgical	10	Mitral valve replacement, surgical	11	Mitral valve replacement, transcatheter	12	Tricuspid valve balloon valvotomy/valvuloplasty	13	Tricuspid valve repair, percutaneous	14	Tricuspid valve repair, surgical	15	Tricuspid valve replacement, surgical	16	Tricuspid valve replacement, transcatheter	17	Tricuspid valvectomy	18	Pulmonary valve balloon valvotomy/valvuloplasty	19	Pulmonary valve repair, surgical	20	Pulmonary valve replacement, surgical	21	Pulmonary valve replacement, transcatheter	22	Pulmonary valvectomy	23	Other valve procedure
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200	prvalveproc3	<p>Prev Valve Procedure 3 <i>Indicate the third previous valve procedure or select 'No additional valve procedures'</i></p>	<table border="1"> <thead> <tr> <th colspan="2">dropdown</th> </tr> </thead> <tbody> <tr><td>1</td><td>No additional valve procedure(s)</td></tr> <tr><td>2</td><td>Aortic valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>3</td><td>Aortic valve repair, surgical</td></tr> <tr><td>4</td><td>Aortic valve replacement, surgical</td></tr> <tr><td>5</td><td>Aortic valve replacement, transcatheter</td></tr> <tr><td>6</td><td>Mitral valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>7</td><td>Mitral valve commissurotomy, surgical</td></tr> <tr><td>8</td><td>Mitral valve repair, percutaneous</td></tr> <tr><td>9</td><td>Mitral valve repair, surgical</td></tr> <tr><td>10</td><td>Mitral valve replacement, surgical</td></tr> <tr><td>11</td><td>Mitral valve replacement, transcatheter</td></tr> <tr><td>12</td><td>Tricuspid valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>13</td><td>Tricuspid valve repair, percutaneous</td></tr> <tr><td>14</td><td>Tricuspid valve repair, surgical</td></tr> <tr><td>15</td><td>Tricuspid valve replacement, surgical</td></tr> <tr><td>16</td><td>Tricuspid valve replacement, transcatheter</td></tr> <tr><td>17</td><td>Tricuspid valvectomy</td></tr> <tr><td>18</td><td>Pulmonary valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>19</td><td>Pulmonary valve repair, surgical</td></tr> <tr><td>20</td><td>Pulmonary valve replacement, surgical</td></tr> <tr><td>21</td><td>Pulmonary valve replacement, transcatheter</td></tr> <tr><td>22</td><td>Pulmonary valvectomy</td></tr> <tr><td>23</td><td>Other valve procedure</td></tr> </tbody> </table> <p>Field Annotation: v2.81 SeqNo. 705</p>	dropdown		1	No additional valve procedure(s)	2	Aortic valve balloon valvotomy/valvuloplasty	3	Aortic valve repair, surgical	4	Aortic valve replacement, surgical	5	Aortic valve replacement, transcatheter	6	Mitral valve balloon valvotomy/valvuloplasty	7	Mitral valve commissurotomy, surgical	8	Mitral valve repair, percutaneous	9	Mitral valve repair, surgical	10	Mitral valve replacement, surgical	11	Mitral valve replacement, transcatheter	12	Tricuspid valve balloon valvotomy/valvuloplasty	13	Tricuspid valve repair, percutaneous	14	Tricuspid valve repair, surgical	15	Tricuspid valve replacement, surgical	16	Tricuspid valve replacement, transcatheter	17	Tricuspid valvectomy	18	Pulmonary valve balloon valvotomy/valvuloplasty	19	Pulmonary valve repair, surgical	20	Pulmonary valve replacement, surgical	21	Pulmonary valve replacement, transcatheter	22	Pulmonary valvectomy	23	Other valve procedure
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201	prvalveproc4	<p>Prev Valve Procedure 4 <i>Indicate the fourth previous valve procedure or select 'No additional valve procedures'</i></p>	<table border="1"> <thead> <tr> <th colspan="2">dropdown</th> </tr> </thead> <tbody> <tr><td>1</td><td>No additional valve procedure(s)</td></tr> <tr><td>2</td><td>Aortic valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>3</td><td>Aortic valve repair, surgical</td></tr> <tr><td>4</td><td>Aortic valve replacement, surgical</td></tr> <tr><td>5</td><td>Aortic valve replacement, transcatheter</td></tr> <tr><td>6</td><td>Mitral valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>7</td><td>Mitral valve commissurotomy, surgical</td></tr> <tr><td>8</td><td>Mitral valve repair, percutaneous</td></tr> <tr><td>9</td><td>Mitral valve repair, surgical</td></tr> <tr><td>10</td><td>Mitral valve replacement, surgical</td></tr> <tr><td>11</td><td>Mitral valve replacement, transcatheter</td></tr> <tr><td>12</td><td>Tricuspid valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>13</td><td>Tricuspid valve repair, percutaneous</td></tr> <tr><td>14</td><td>Tricuspid valve repair, surgical</td></tr> <tr><td>15</td><td>Tricuspid valve replacement, surgical</td></tr> <tr><td>16</td><td>Tricuspid valve replacement, transcatheter</td></tr> <tr><td>17</td><td>Tricuspid valvectomy</td></tr> <tr><td>18</td><td>Pulmonary valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>19</td><td>Pulmonary valve repair, surgical</td></tr> <tr><td>20</td><td>Pulmonary valve replacement, surgical</td></tr> <tr><td>21</td><td>Pulmonary valve replacement, transcatheter</td></tr> <tr><td>22</td><td>Pulmonary valvectomy</td></tr> <tr><td>23</td><td>Other valve procedure</td></tr> </tbody> </table> <p>Field Annotation: v2.81 SeqNo. 710</p>	dropdown		1	No additional valve procedure(s)	2	Aortic valve balloon valvotomy/valvuloplasty	3	Aortic valve repair, surgical	4	Aortic valve replacement, surgical	5	Aortic valve replacement, transcatheter	6	Mitral valve balloon valvotomy/valvuloplasty	7	Mitral valve commissurotomy, surgical	8	Mitral valve repair, percutaneous	9	Mitral valve repair, surgical	10	Mitral valve replacement, surgical	11	Mitral valve replacement, transcatheter	12	Tricuspid valve balloon valvotomy/valvuloplasty	13	Tricuspid valve repair, percutaneous	14	Tricuspid valve repair, surgical	15	Tricuspid valve replacement, surgical	16	Tricuspid valve replacement, transcatheter	17	Tricuspid valvectomy	18	Pulmonary valve balloon valvotomy/valvuloplasty	19	Pulmonary valve repair, surgical	20	Pulmonary valve replacement, surgical	21	Pulmonary valve replacement, transcatheter	22	Pulmonary valvectomy	23	Other valve procedure
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202	prvalveproc5	<p>Prev Valve Procedure 5</p> <p><i>Indicate the fifth previous valve procedure or select 'No additional valve procedures'</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional valve procedure(s)</td></tr> <tr><td>2</td><td>Aortic valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>3</td><td>Aortic valve repair, surgical</td></tr> <tr><td>4</td><td>Aortic valve replacement, surgical</td></tr> <tr><td>5</td><td>Aortic valve replacement, transcatheter</td></tr> <tr><td>6</td><td>Mitral valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>7</td><td>Mitral valve commissurotomy, surgical</td></tr> <tr><td>8</td><td>Mitral valve repair, percutaneous</td></tr> <tr><td>9</td><td>Mitral valve repair, surgical</td></tr> <tr><td>10</td><td>Mitral valve replacement, surgical</td></tr> <tr><td>11</td><td>Mitral valve replacement, transcatheter</td></tr> <tr><td>12</td><td>Tricuspid valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>13</td><td>Tricuspid valve repair, percutaneous</td></tr> <tr><td>14</td><td>Tricuspid valve repair, surgical</td></tr> <tr><td>15</td><td>Tricuspid valve replacement, surgical</td></tr> <tr><td>16</td><td>Tricuspid valve replacement, transcatheter</td></tr> <tr><td>17</td><td>Tricuspid valvectomy</td></tr> <tr><td>18</td><td>Pulmonary valve balloon valvotomy/valvuloplasty</td></tr> <tr><td>19</td><td>Pulmonary valve repair, surgical</td></tr> <tr><td>20</td><td>Pulmonary valve replacement, surgical</td></tr> <tr><td>21</td><td>Pulmonary valve replacement, transcatheter</td></tr> <tr><td>22</td><td>Pulmonary valvectomy</td></tr> <tr><td>23</td><td>Other valve procedure</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 715</p>	1	No additional valve procedure(s)	2	Aortic valve balloon valvotomy/valvuloplasty	3	Aortic valve repair, surgical	4	Aortic valve replacement, surgical	5	Aortic valve replacement, transcatheter	6	Mitral valve balloon valvotomy/valvuloplasty	7	Mitral valve commissurotomy, surgical	8	Mitral valve repair, percutaneous	9	Mitral valve repair, surgical	10	Mitral valve replacement, surgical	11	Mitral valve replacement, transcatheter	12	Tricuspid valve balloon valvotomy/valvuloplasty	13	Tricuspid valve repair, percutaneous	14	Tricuspid valve repair, surgical	15	Tricuspid valve replacement, surgical	16	Tricuspid valve replacement, transcatheter	17	Tricuspid valvectomy	18	Pulmonary valve balloon valvotomy/valvuloplasty	19	Pulmonary valve repair, surgical	20	Pulmonary valve replacement, surgical	21	Pulmonary valve replacement, transcatheter	22	Pulmonary valvectomy	23	Other valve procedure
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203	prevprocavreplace	<p>Previous procedure - Aortic Valve Replacement - Surgical(retired v2.73)</p> <p><i>Indicate whether a previous procedure included a surgical aortic valve replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																										
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204	prevprocavrepair	<p>Previous procedure - Aortic Valve Repair - Surgical(retired v2.73)</p> <p><i>Indicate whether a previous procedure included a surgical aortic valve repair.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																										
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2	No																																																
205	prevprocavball	<p>Previous Procedure - Aortic Valve Balloon Valvuloplasty(retired v2.73)</p> <p><i>Indicate whether a previous procedure included an aortic balloon valvuloplasty.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																										
1	Yes																																																
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206	prevprocmvreplace	<p>Previous procedure - Mitral Valve Replacement - Surgical(retired v2.73)</p> <p><i>Indicate whether a previous procedure included a surgical mitral valve replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																										
1	Yes																																																
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207	prevprocmvrepair	<p>Previous procedure - Mitral Valve Repair - Surgical(retired v2.73)</p> <p><i>Indicate whether a previous procedure included a surgical mitral valve repair.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																										
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208	prevprocmvball	<p>Previous Procedure - Mitral Valve Balloon Valvuloplasty(retired v2.73) <i>Indicate whether a previous procedure included a mitral valve balloon valvuloplasty.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
209	prevproctvreplace	<p>Previous procedure - Tricuspid Valve Replacement - Surgical(retired v2.73) <i>Indicate whether a previous procedure included a surgical tricuspid valve replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
210	prevproctvrepair	<p>Previous procedure - Tricuspid Valve Repair - Surgical(retired v2.73) <i>Indicate whether a previous procedure included a surgical tricuspid valve repair.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
211	prevprocpv	<p>Previous procedure - Pulmonic Valve Repair / Replacement - Surgical(retired v2.73) <i>Indicate whether a previous procedure included a surgical pulmonic valve repair or replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
212	prevproctcvrep	<p>Previous Procedure - Transcatheter Valve Replacement(retired v2.73) <i>Indicate whether a previous procedure included a transcatheter valve replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
213	prevprocpervrepair	<p>Previous Procedure - Percutaneous Valve Repair(retired v2.73) <i>Indicate whether a previous procedure included a percutaneous valve repair.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
214	pocpci	<p>Previous PCI <i>Indicate whether a previous Percutaneous Coronary Intervention (PCI) was performed any time prior to this surgical procedure. Percutaneous coronary intervention (PCI) is the placement of an angioplasty guide wire, balloon, or other device (e.g. stent, atherectomy, brachytherapy, or thrombectomy catheter) into a native coronary artery or coronary artery bypass graft for the purpose of mechanical coronary revascularization.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.52.1</p>	1	Yes	2	No								
1	Yes														
2	No														
215	pocpciwhen	<p>Previous PCI-Within This Episode of Care <i>Indicate whether the previous Percutaneous Cardiac Intervention (PCI) was performed within this episode of care. Episode of care is defined as continuous inpatient hospitalization which includes transfer from one acute care hospital to another.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes, at this facility</td></tr> <tr><td>2</td><td>Yes, at some other acute care facility</td></tr> <tr><td>3</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes, at this facility	2	Yes, at some other acute care facility	3	No						
1	Yes, at this facility														
2	Yes, at some other acute care facility														
3	No														
216	pocpcindsurg	<p>Previous PCI-Indication For Surgery <i>Select the indication for surgery following the Percutaneous Cardiac Intervention (PCI).</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>PCI Complication</td></tr> <tr><td>5</td><td>PCI Failure with Clinical Deterioration</td></tr> <tr><td>4</td><td>PCI for STEMI, Multivessel disease</td></tr> <tr><td>2</td><td>PCI Failure without Clinical Deterioration</td></tr> <tr><td>3</td><td>PCI/Surgery Staged Procedure (not STEMI)</td></tr> <tr><td>9</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	PCI Complication	5	PCI Failure with Clinical Deterioration	4	PCI for STEMI, Multivessel disease	2	PCI Failure without Clinical Deterioration	3	PCI/Surgery Staged Procedure (not STEMI)	9	Other
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217	pocpcist	Previous PCI-Stent <i>Indicate whether an intracoronary stent was used during the previous Percutaneous Cardiac Intervention (PCI).</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												
218	pocpcistty	Previous PCI-Stent Type <i>Indicate type of intracoronary stent placed.</i>	radio <table border="1"> <tr> <td>1</td> <td>Bare metal</td> </tr> <tr> <td>2</td> <td>Drug-eluting</td> </tr> <tr> <td>4</td> <td>Bioresorbable</td> </tr> <tr> <td>5</td> <td>Multiple types</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> Field Annotation: v2.61	1	Bare metal	2	Drug-eluting	4	Bioresorbable	5	Multiple types	3	Unknown
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2	Drug-eluting												
4	Bioresorbable												
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3	Unknown												
219	pocpciin	Previous PCI-Interval <i>Indicate the interval of time between the previous PCI and the current surgical procedure.</i>	radio <table border="1"> <tr> <td>1</td> <td>< = 6 Hours</td> </tr> <tr> <td>2</td> <td>> 6 Hours</td> </tr> </table> Field Annotation: v2.52.1	1	< = 6 Hours	2	> 6 Hours						
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2	> 6 Hours												
220	poc	Previous Other Cardiac <i>Indicate whether the patient had any other previous cardiac intervention.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 805	1	Yes	2	No						
1	Yes												
2	No												

221	pocint1	<p>Previous Other Cardiac Intervention 1</p> <p><i>Indicate the first other cardiac intervention that was performed.</i></p>	<table border="1"> <thead> <tr> <th colspan="2">dropdown</th> </tr> </thead> <tbody> <tr><td>2</td><td>Ablation, catheter, atrial fibrillation</td></tr> <tr><td>3</td><td>Ablation, catheter, other or unknown</td></tr> <tr><td>4</td><td>Ablation, catheter, ventricular</td></tr> <tr><td>5</td><td>Ablation, surgical, atrial fibrillation</td></tr> <tr><td>6</td><td>Ablation, surgical, other or unknown</td></tr> <tr><td>7</td><td>Aneurysmectomy, LV</td></tr> <tr><td>8</td><td>Aortic procedure, arch</td></tr> <tr><td>9</td><td>Aortic procedure, ascending</td></tr> <tr><td>10</td><td>Aortic procedure, descending</td></tr> <tr><td>11</td><td>Aortic procedure, root</td></tr> <tr><td>12</td><td>Aortic procedure, thoracoabdominal</td></tr> <tr><td>13</td><td>Aortic Procedure, TEVAR</td></tr> <tr><td>14</td><td>Aortic root procedure, valve sparing</td></tr> <tr><td>15</td><td>Atrial appendage obliteration, Left, surgical</td></tr> <tr><td>16</td><td>Atrial appendage obliteration, Left, transcatheter</td></tr> <tr><td>19</td><td>Cardiac Tumor</td></tr> <tr><td>20</td><td>Cardioversion(s)</td></tr> <tr><td>21</td><td>Closure device, atrial septal defect</td></tr> <tr><td>22</td><td>Closure device, ventricular septal defect</td></tr> <tr><td>23</td><td>Congenital cardiac repair, surgical</td></tr> <tr><td>37</td><td>ECMO</td></tr> <tr><td>24</td><td>Implantable Cardioverter Defibrillator (ICD) with or without pacer</td></tr> <tr><td>25</td><td>Pacemaker</td></tr> <tr><td>38</td><td>Pericardial window / Pericardiocentesis</td></tr> <tr><td>26</td><td>Pericardiectomy</td></tr> <tr><td>27</td><td>Pulmonary Thromboembolectomy</td></tr> <tr><td>28</td><td>Total Artificial Heart (TAH)</td></tr> <tr><td>29</td><td>Transmyocardial Laser Revascularization (TMR)</td></tr> <tr><td>30</td><td>Transplant heart & lung</td></tr> <tr><td>31</td><td>Transplant, heart</td></tr> <tr><td>32</td><td>Transplant, lung(s)</td></tr> <tr><td>33</td><td>Ventricular Assist Device (VAD), BiVAD</td></tr> <tr><td>34</td><td>Ventricular Assist Device (VAD), left</td></tr> <tr><td>35</td><td>Ventricular Assist Device (VAD), right</td></tr> <tr><td>36</td><td>Other Cardiac Intervention (not listed)</td></tr> </tbody> </table> <p>Field Annotation: v2.81 SeqNo. 810</p>	dropdown		2	Ablation, catheter, atrial fibrillation	3	Ablation, catheter, other or unknown	4	Ablation, catheter, ventricular	5	Ablation, surgical, atrial fibrillation	6	Ablation, surgical, other or unknown	7	Aneurysmectomy, LV	8	Aortic procedure, arch	9	Aortic procedure, ascending	10	Aortic procedure, descending	11	Aortic procedure, root	12	Aortic procedure, thoracoabdominal	13	Aortic Procedure, TEVAR	14	Aortic root procedure, valve sparing	15	Atrial appendage obliteration, Left, surgical	16	Atrial appendage obliteration, Left, transcatheter	19	Cardiac Tumor	20	Cardioversion(s)	21	Closure device, atrial septal defect	22	Closure device, ventricular septal defect	23	Congenital cardiac repair, surgical	37	ECMO	24	Implantable Cardioverter Defibrillator (ICD) with or without pacer	25	Pacemaker	38	Pericardial window / Pericardiocentesis	26	Pericardiectomy	27	Pulmonary Thromboembolectomy	28	Total Artificial Heart (TAH)	29	Transmyocardial Laser Revascularization (TMR)	30	Transplant heart & lung	31	Transplant, heart	32	Transplant, lung(s)	33	Ventricular Assist Device (VAD), BiVAD	34	Ventricular Assist Device (VAD), left	35	Ventricular Assist Device (VAD), right	36	Other Cardiac Intervention (not listed)
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222	pocint2	<p>Previous Other Cardiac Intervention 2</p> <p><i>Indicate the second other cardiac intervention that was performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional interventions</td></tr> <tr><td>2</td><td>Ablation, catheter, atrial fibrillation</td></tr> <tr><td>3</td><td>Ablation, catheter, other or unknown</td></tr> <tr><td>4</td><td>Ablation, catheter, ventricular</td></tr> <tr><td>5</td><td>Ablation, surgical, atrial fibrillation</td></tr> <tr><td>6</td><td>Ablation, surgical, other or unknown</td></tr> <tr><td>7</td><td>Aneurysmectomy, LV</td></tr> <tr><td>8</td><td>Aortic procedure, arch</td></tr> <tr><td>9</td><td>Aortic procedure, ascending</td></tr> <tr><td>10</td><td>Aortic procedure, descending</td></tr> <tr><td>11</td><td>Aortic procedure, root</td></tr> <tr><td>12</td><td>Aortic procedure, thoracoabdominal</td></tr> <tr><td>13</td><td>Aortic Procedure, TEVAR</td></tr> <tr><td>14</td><td>Aortic root procedure, valve sparing</td></tr> <tr><td>15</td><td>Atrial appendage obliteration, Left, surgical</td></tr> <tr><td>16</td><td>Atrial appendage obliteration, Left, transcatheter</td></tr> <tr><td>19</td><td>Cardiac Tumor</td></tr> <tr><td>20</td><td>Cardioversion(s)</td></tr> <tr><td>21</td><td>Closure device, atrial septal defect</td></tr> <tr><td>22</td><td>Closure device, ventricular septal defect</td></tr> <tr><td>23</td><td>Congenital cardiac repair, surgical</td></tr> <tr><td>37</td><td>ECMO</td></tr> <tr><td>24</td><td>Implantable Cardioverter Defibrillator (ICD) with or without pacer</td></tr> <tr><td>25</td><td>Pacemaker</td></tr> <tr><td>38</td><td>Pericardial window / Pericardiocentesis</td></tr> <tr><td>26</td><td>Pericardiectomy</td></tr> <tr><td>27</td><td>Pulmonary Thromboembolectomy</td></tr> <tr><td>28</td><td>Total Artificial Heart (TAH)</td></tr> <tr><td>29</td><td>Transmyocardial Laser Revascularization (TMR)</td></tr> <tr><td>30</td><td>Transplant heart & lung</td></tr> <tr><td>31</td><td>Transplant, heart</td></tr> <tr><td>32</td><td>Transplant, lung(s)</td></tr> <tr><td>33</td><td>Ventricular Assist Device (VAD), BiVAD</td></tr> <tr><td>34</td><td>Ventricular Assist Device (VAD), left</td></tr> <tr><td>35</td><td>Ventricular Assist Device (VAD), right</td></tr> <tr><td>36</td><td>Other Cardiac Intervention (not listed)</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 815</p>	1	No additional interventions	2	Ablation, catheter, atrial fibrillation	3	Ablation, catheter, other or unknown	4	Ablation, catheter, ventricular	5	Ablation, surgical, atrial fibrillation	6	Ablation, surgical, other or unknown	7	Aneurysmectomy, LV	8	Aortic procedure, arch	9	Aortic procedure, ascending	10	Aortic procedure, descending	11	Aortic procedure, root	12	Aortic procedure, thoracoabdominal	13	Aortic Procedure, TEVAR	14	Aortic root procedure, valve sparing	15	Atrial appendage obliteration, Left, surgical	16	Atrial appendage obliteration, Left, transcatheter	19	Cardiac Tumor	20	Cardioversion(s)	21	Closure device, atrial septal defect	22	Closure device, ventricular septal defect	23	Congenital cardiac repair, surgical	37	ECMO	24	Implantable Cardioverter Defibrillator (ICD) with or without pacer	25	Pacemaker	38	Pericardial window / Pericardiocentesis	26	Pericardiectomy	27	Pulmonary Thromboembolectomy	28	Total Artificial Heart (TAH)	29	Transmyocardial Laser Revascularization (TMR)	30	Transplant heart & lung	31	Transplant, heart	32	Transplant, lung(s)	33	Ventricular Assist Device (VAD), BiVAD	34	Ventricular Assist Device (VAD), left	35	Ventricular Assist Device (VAD), right	36	Other Cardiac Intervention (not listed)
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223	pocint3	<p>Previous Other Cardiac Intervention 3</p> <p><i>Indicate the third other cardiac intervention that was performed.</i></p>	<table border="1"> <thead> <tr> <th colspan="2">dropdown</th> </tr> </thead> <tbody> <tr><td>1</td><td>No additional interventions</td></tr> <tr><td>2</td><td>Ablation, catheter, atrial fibrillation</td></tr> <tr><td>3</td><td>Ablation, catheter, other or unknown</td></tr> <tr><td>4</td><td>Ablation, catheter, ventricular</td></tr> <tr><td>5</td><td>Ablation, surgical, atrial fibrillation</td></tr> <tr><td>6</td><td>Ablation, surgical, other or unknown</td></tr> <tr><td>7</td><td>Aneurysmectomy, LV</td></tr> <tr><td>8</td><td>Aortic procedure, arch</td></tr> <tr><td>9</td><td>Aortic procedure, ascending</td></tr> <tr><td>10</td><td>Aortic procedure, descending</td></tr> <tr><td>11</td><td>Aortic procedure, root</td></tr> <tr><td>12</td><td>Aortic procedure, thoracoabdominal</td></tr> <tr><td>13</td><td>Aortic Procedure, TEVAR</td></tr> <tr><td>14</td><td>Aortic root procedure, valve sparing</td></tr> <tr><td>15</td><td>Atrial appendage obliteration, Left, surgical</td></tr> <tr><td>16</td><td>Atrial appendage obliteration, Left, transcatheter</td></tr> <tr><td>19</td><td>Cardiac Tumor</td></tr> <tr><td>20</td><td>Cardioversion(s)</td></tr> <tr><td>21</td><td>Closure device, atrial septal defect</td></tr> <tr><td>22</td><td>Closure device, ventricular septal defect</td></tr> <tr><td>23</td><td>Congenital cardiac repair, surgical</td></tr> <tr><td>37</td><td>ECMO</td></tr> <tr><td>24</td><td>Implantable Cardioverter Defibrillator (ICD) with or without pacer</td></tr> <tr><td>25</td><td>Pacemaker</td></tr> <tr><td>38</td><td>Pericardial window / Pericardiocentesis</td></tr> <tr><td>26</td><td>Pericardiectomy</td></tr> <tr><td>27</td><td>Pulmonary Thromboembolectomy</td></tr> <tr><td>28</td><td>Total Artificial Heart (TAH)</td></tr> <tr><td>29</td><td>Transmyocardial Laser Revascularization (TMR)</td></tr> <tr><td>30</td><td>Transplant heart & lung</td></tr> <tr><td>31</td><td>Transplant, heart</td></tr> <tr><td>32</td><td>Transplant, lung(s)</td></tr> <tr><td>33</td><td>Ventricular Assist Device (VAD), BiVAD</td></tr> <tr><td>34</td><td>Ventricular Assist Device (VAD), left</td></tr> <tr><td>35</td><td>Ventricular Assist Device (VAD), right</td></tr> <tr><td>36</td><td>Other Cardiac Intervention (not listed)</td></tr> </tbody> </table> <p>Field Annotation: v2.81 SeqNo. 820</p>	dropdown		1	No additional interventions	2	Ablation, catheter, atrial fibrillation	3	Ablation, catheter, other or unknown	4	Ablation, catheter, ventricular	5	Ablation, surgical, atrial fibrillation	6	Ablation, surgical, other or unknown	7	Aneurysmectomy, LV	8	Aortic procedure, arch	9	Aortic procedure, ascending	10	Aortic procedure, descending	11	Aortic procedure, root	12	Aortic procedure, thoracoabdominal	13	Aortic Procedure, TEVAR	14	Aortic root procedure, valve sparing	15	Atrial appendage obliteration, Left, surgical	16	Atrial appendage obliteration, Left, transcatheter	19	Cardiac Tumor	20	Cardioversion(s)	21	Closure device, atrial septal defect	22	Closure device, ventricular septal defect	23	Congenital cardiac repair, surgical	37	ECMO	24	Implantable Cardioverter Defibrillator (ICD) with or without pacer	25	Pacemaker	38	Pericardial window / Pericardiocentesis	26	Pericardiectomy	27	Pulmonary Thromboembolectomy	28	Total Artificial Heart (TAH)	29	Transmyocardial Laser Revascularization (TMR)	30	Transplant heart & lung	31	Transplant, heart	32	Transplant, lung(s)	33	Ventricular Assist Device (VAD), BiVAD	34	Ventricular Assist Device (VAD), left	35	Ventricular Assist Device (VAD), right	36	Other Cardiac Intervention (not listed)
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225	pocint5	<p>Previous Other Cardiac Intervention 5</p> <p><i>Indicate the fifth other cardiac intervention that was performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional interventions</td></tr> <tr><td>2</td><td>Ablation, catheter, atrial fibrillation</td></tr> <tr><td>3</td><td>Ablation, catheter, other or unknown</td></tr> <tr><td>4</td><td>Ablation, catheter, ventricular</td></tr> <tr><td>5</td><td>Ablation, surgical, atrial fibrillation</td></tr> <tr><td>6</td><td>Ablation, surgical, other or unknown</td></tr> <tr><td>7</td><td>Aneurysmectomy, LV</td></tr> <tr><td>8</td><td>Aortic procedure, arch</td></tr> <tr><td>9</td><td>Aortic procedure, ascending</td></tr> <tr><td>10</td><td>Aortic procedure, descending</td></tr> <tr><td>11</td><td>Aortic procedure, root</td></tr> <tr><td>12</td><td>Aortic procedure, thoracoabdominal</td></tr> <tr><td>13</td><td>Aortic Procedure, TEVAR</td></tr> <tr><td>14</td><td>Aortic root procedure, valve sparing</td></tr> <tr><td>15</td><td>Atrial appendage obliteration, Left, surgical</td></tr> <tr><td>16</td><td>Atrial appendage obliteration, Left, transcatheter</td></tr> <tr><td>19</td><td>Cardiac Tumor</td></tr> <tr><td>20</td><td>Cardioversion(s)</td></tr> <tr><td>21</td><td>Closure device, atrial septal defect</td></tr> <tr><td>22</td><td>Closure device, ventricular septal defect</td></tr> <tr><td>23</td><td>Congenital cardiac repair, surgical</td></tr> <tr><td>37</td><td>ECMO</td></tr> <tr><td>24</td><td>Implantable Cardioverter Defibrillator (ICD) with or without pacer</td></tr> <tr><td>25</td><td>Pacemaker</td></tr> <tr><td>38</td><td>Pericardial window / Pericardiocentesis</td></tr> <tr><td>26</td><td>Pericardiectomy</td></tr> <tr><td>27</td><td>Pulmonary Thromboembolectomy</td></tr> <tr><td>28</td><td>Total Artificial Heart (TAH)</td></tr> <tr><td>29</td><td>Transmyocardial Laser Revascularization (TMR)</td></tr> <tr><td>30</td><td>Transplant heart & lung</td></tr> <tr><td>31</td><td>Transplant, heart</td></tr> <tr><td>32</td><td>Transplant, lung(s)</td></tr> <tr><td>33</td><td>Ventricular Assist Device (VAD), BiVAD</td></tr> <tr><td>34</td><td>Ventricular Assist Device (VAD), left</td></tr> <tr><td>35</td><td>Ventricular Assist Device (VAD), right</td></tr> <tr><td>36</td><td>Other Cardiac Intervention (not listed)</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 830</p>	1	No additional interventions	2	Ablation, catheter, atrial fibrillation	3	Ablation, catheter, other or unknown	4	Ablation, catheter, ventricular	5	Ablation, surgical, atrial fibrillation	6	Ablation, surgical, other or unknown	7	Aneurysmectomy, LV	8	Aortic procedure, arch	9	Aortic procedure, ascending	10	Aortic procedure, descending	11	Aortic procedure, root	12	Aortic procedure, thoracoabdominal	13	Aortic Procedure, TEVAR	14	Aortic root procedure, valve sparing	15	Atrial appendage obliteration, Left, surgical	16	Atrial appendage obliteration, Left, transcatheter	19	Cardiac Tumor	20	Cardioversion(s)	21	Closure device, atrial septal defect	22	Closure device, ventricular septal defect	23	Congenital cardiac repair, surgical	37	ECMO	24	Implantable Cardioverter Defibrillator (ICD) with or without pacer	25	Pacemaker	38	Pericardial window / Pericardiocentesis	26	Pericardiectomy	27	Pulmonary Thromboembolectomy	28	Total Artificial Heart (TAH)	29	Transmyocardial Laser Revascularization (TMR)	30	Transplant heart & lung	31	Transplant, heart	32	Transplant, lung(s)	33	Ventricular Assist Device (VAD), BiVAD	34	Ventricular Assist Device (VAD), left	35	Ventricular Assist Device (VAD), right	36	Other Cardiac Intervention (not listed)
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35	Ventricular Assist Device (VAD), right																																																																								
36	Other Cardiac Intervention (not listed)																																																																								

227	pocint7	<p>Previous Other Cardiac Intervention 7</p> <p><i>Indicate the seventh other cardiac intervention that was performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional interventions</td></tr> <tr><td>2</td><td>Ablation, catheter, atrial fibrillation</td></tr> <tr><td>3</td><td>Ablation, catheter, other or unknown</td></tr> <tr><td>4</td><td>Ablation, catheter, ventricular</td></tr> <tr><td>5</td><td>Ablation, surgical, atrial fibrillation</td></tr> <tr><td>6</td><td>Ablation, surgical, other or unknown</td></tr> <tr><td>7</td><td>Aneurysmectomy, LV</td></tr> <tr><td>8</td><td>Aortic procedure, arch</td></tr> <tr><td>9</td><td>Aortic procedure, ascending</td></tr> <tr><td>10</td><td>Aortic procedure, descending</td></tr> <tr><td>11</td><td>Aortic procedure, root</td></tr> <tr><td>12</td><td>Aortic procedure, thoracoabdominal</td></tr> <tr><td>13</td><td>Aortic Procedure, TEVAR</td></tr> <tr><td>14</td><td>Aortic root procedure, valve sparing</td></tr> <tr><td>15</td><td>Atrial appendage obliteration, Left, surgical</td></tr> <tr><td>16</td><td>Atrial appendage obliteration, Left, transcatheter</td></tr> <tr><td>19</td><td>Cardiac Tumor</td></tr> <tr><td>20</td><td>Cardioversion(s)</td></tr> <tr><td>21</td><td>Closure device, atrial septal defect</td></tr> <tr><td>22</td><td>Closure device, ventricular septal defect</td></tr> <tr><td>23</td><td>Congenital cardiac repair, surgical</td></tr> <tr><td>37</td><td>ECMO</td></tr> <tr><td>24</td><td>Implantable Cardioverter Defibrillator (ICD) with or without pacer</td></tr> <tr><td>25</td><td>Pacemaker</td></tr> <tr><td>38</td><td>Pericardial window / Pericardiocentesis</td></tr> <tr><td>26</td><td>Pericardiectomy</td></tr> <tr><td>27</td><td>Pulmonary Thromboembolism</td></tr> <tr><td>28</td><td>Total Artificial Heart (TAH)</td></tr> <tr><td>29</td><td>Transmyocardial Laser Revascularization (TMR)</td></tr> <tr><td>30</td><td>Transplant heart & lung</td></tr> <tr><td>31</td><td>Transplant, heart</td></tr> <tr><td>32</td><td>Transplant, lung(s)</td></tr> <tr><td>33</td><td>Ventricular Assist Device (VAD), BiVAD</td></tr> <tr><td>34</td><td>Ventricular Assist Device (VAD), left</td></tr> <tr><td>35</td><td>Ventricular Assist Device (VAD), right</td></tr> <tr><td>36</td><td>Other Cardiac Intervention (not listed)</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 840</p>	1	No additional interventions	2	Ablation, catheter, atrial fibrillation	3	Ablation, catheter, other or unknown	4	Ablation, catheter, ventricular	5	Ablation, surgical, atrial fibrillation	6	Ablation, surgical, other or unknown	7	Aneurysmectomy, LV	8	Aortic procedure, arch	9	Aortic procedure, ascending	10	Aortic procedure, descending	11	Aortic procedure, root	12	Aortic procedure, thoracoabdominal	13	Aortic Procedure, TEVAR	14	Aortic root procedure, valve sparing	15	Atrial appendage obliteration, Left, surgical	16	Atrial appendage obliteration, Left, transcatheter	19	Cardiac Tumor	20	Cardioversion(s)	21	Closure device, atrial septal defect	22	Closure device, ventricular septal defect	23	Congenital cardiac repair, surgical	37	ECMO	24	Implantable Cardioverter Defibrillator (ICD) with or without pacer	25	Pacemaker	38	Pericardial window / Pericardiocentesis	26	Pericardiectomy	27	Pulmonary Thromboembolism	28	Total Artificial Heart (TAH)	29	Transmyocardial Laser Revascularization (TMR)	30	Transplant heart & lung	31	Transplant, heart	32	Transplant, lung(s)	33	Ventricular Assist Device (VAD), BiVAD	34	Ventricular Assist Device (VAD), left	35	Ventricular Assist Device (VAD), right	36	Other Cardiac Intervention (not listed)
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36	Other Cardiac Intervention (not listed)																																																																										
228	procaicd	<p>Prev Oth Card-ICD(retired v2.73)</p> <p><i>Indicate whether the patient had a previous implant of an Implantable Cardioverter/Defibrillator. This does not include lead placement only.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																																																				
1	Yes																																																																										
2	No																																																																										
229	procpace	<p>Prev Oth Card-Pacemaker(retired v2.73)</p> <p><i>Indicate whether a previous permanent pacemaker was placed anytime prior to this surgical procedure. This does not include lead placement only.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																																																				
1	Yes																																																																										
2	No																																																																										

230	poco	<p>Prev Oth Card-Other(retired v2.73)</p> <p><i>Indicate whether the patient has undergone any other previous cardiovascular intervention.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No										
1	Yes																
2	No																
231	indreop	<p>Indication for Reoperation(retired v2.73)</p> <p><i>Indicate the primary reason for repeat valve procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Structural Prosthetic Valve Deterioration</td></tr> <tr><td>2</td><td>Non-structural prosthetic valve dysfunction</td></tr> <tr><td>3</td><td>Prosthetic valve endocarditis</td></tr> <tr><td>4</td><td>Valve Thrombosis</td></tr> <tr><td>5</td><td>Failed Repair</td></tr> <tr><td>6</td><td>Repeat valve procedure on a different valve</td></tr> <tr><td>7</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Structural Prosthetic Valve Deterioration	2	Non-structural prosthetic valve dysfunction	3	Prosthetic valve endocarditis	4	Valve Thrombosis	5	Failed Repair	6	Repeat valve procedure on a different valve	7	Other
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4	Valve Thrombosis																
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6	Repeat valve procedure on a different valve																
7	Other																
232	nonstdvys	<p>Non-Structural Valve Dysfunction(retired v2.73)</p> <p><i>Indicate the primary type of nonstructural valve dysfunction.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Paravalular Leak</td></tr> <tr><td>2</td><td>Hemolysis</td></tr> <tr><td>3</td><td>Entrapment by panes, tissue, or suture</td></tr> <tr><td>4</td><td>Sizing or positioning issue</td></tr> <tr><td>5</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Paravalular Leak	2	Hemolysis	3	Entrapment by panes, tissue, or suture	4	Sizing or positioning issue	5	Other				
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5	Other																
233	poarr	<p>Previous Arrhythmia Surgery(retired v2.73)</p> <p><i>Indicate whether the patient had any other arrhythmia surgery (e.g., maze procedure).</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No										
1	Yes																
2	No																
234	prothcongen	<p>Previous Congenital(retired v2.73)</p> <p><i>Indicate whether patient had a previous congenital heart surgery and/or percutaneous procedure performed. May include, but is not limited to VSD, ASD, TOF and PFO.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No										
1	Yes																
2	No																
235	previous_cardiac_intervention_s_complete	<p>Section Header: <i>Form Status</i></p> <p>Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																
<p>Instrument: Preoperative Cardiac Status (preoperative_cardiac_status) ^ Collapse</p>																	
236	prevmi	<p>Prior MI</p> <p><i>Indicate if the patient has had at least one documented previous myocardial infarction at any time prior to this surgery. (Refer to training manual for MI definition.)</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No	3	Unknown								
1	Yes																
2	No																
3	Unknown																
237	miwhen	<p>MI-When</p> <p><i>Indicate the time period between the last documented myocardial infarction and surgery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td><=6 Hrs</td></tr> <tr><td>2</td><td>>6 Hrs but < 24 Hrs</td></tr> <tr><td>3</td><td>1 to 7 Days</td></tr> <tr><td>4</td><td>8 to 21 Days</td></tr> <tr><td>5</td><td>>21 Days</td></tr> </table> <p>Field Annotation: all versions</p>	1	<=6 Hrs	2	>6 Hrs but < 24 Hrs	3	1 to 7 Days	4	8 to 21 Days	5	>21 Days				
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4	8 to 21 Days																
5	>21 Days																

238	cardsymptimeofadm	<p>Cardiac Presentation/Symptoms - At Time Of This Admission <i>Indicate the patient's cardiac symptoms at the time of this admission.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No Symptoms</td></tr> <tr><td>2</td><td>Stable Angina</td></tr> <tr><td>3</td><td>Unstable Angina</td></tr> <tr><td>4</td><td>Non-ST Elevation MI (Non-STEMI)</td></tr> <tr><td>5</td><td>ST Elevation MI (STEMI)</td></tr> <tr><td>6</td><td>Angina Equivalent</td></tr> <tr><td>7</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 895</p>	1	No Symptoms	2	Stable Angina	3	Unstable Angina	4	Non-ST Elevation MI (Non-STEMI)	5	ST Elevation MI (STEMI)	6	Angina Equivalent	7	Other
1	No Symptoms																
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6	Angina Equivalent																
7	Other																
239	cardsymptimeofsurg	<p>Cardiac Symptoms - At Time Of Surgery <i>Indicate the patient's cardiac symptoms at the time of this procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No Symptoms</td></tr> <tr><td>2</td><td>Stable Angina</td></tr> <tr><td>3</td><td>Unstable Angina</td></tr> <tr><td>4</td><td>Non-ST Elevation MI (Non-STEMI)</td></tr> <tr><td>5</td><td>ST Elevation MI (STEMI)</td></tr> <tr><td>6</td><td>Angina Equivalent</td></tr> <tr><td>7</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 900</p>	1	No Symptoms	2	Stable Angina	3	Unstable Angina	4	Non-ST Elevation MI (Non-STEMI)	5	ST Elevation MI (STEMI)	6	Angina Equivalent	7	Other
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5	ST Elevation MI (STEMI)																
6	Angina Equivalent																
7	Other																
240	anginalclass	<p>Anginal Classification within 2 weeks(retired v2.81) <i>Indicate the patient's anginal classification or symptom status within the past 2 weeks. The anginal classification or symptom status is classified as the highest grade of angina or chest pain by the Canadian Cardiovascular Angina Classification System (CCS). THE CANADIAN CARDIOVASCULAR SOCIETY DATA DICTIONARY A CCS Consensus Document FINAL Version 1.1 Last Updated: July 6, 2012</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>No Symptoms, No Angina</td></tr> <tr><td>2</td><td>CCA I</td></tr> <tr><td>3</td><td>CCA II</td></tr> <tr><td>4</td><td>CCA III</td></tr> <tr><td>5</td><td>CCA IV</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 905</p>	1	No Symptoms, No Angina	2	CCA I	3	CCA II	4	CCA III	5	CCA IV				
1	No Symptoms, No Angina																
2	CCA I																
3	CCA II																
4	CCA III																
5	CCA IV																
241	cardpres	<p>Cardiac Presentation on Admission(retired v2.73) <i>Indicate the type of angina present prior to this procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No Symptoms</td></tr> <tr><td>2</td><td>Symptoms, Unlikely to be Ischemia</td></tr> <tr><td>3</td><td>Stable Angina</td></tr> <tr><td>4</td><td>Unstable Angina</td></tr> <tr><td>5</td><td>Non-ST Elevation MI (Non-STEMI)</td></tr> <tr><td>6</td><td>ST Elevation MI (STEMI)</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No Symptoms	2	Symptoms, Unlikely to be Ischemia	3	Stable Angina	4	Unstable Angina	5	Non-ST Elevation MI (Non-STEMI)	6	ST Elevation MI (STEMI)		
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3	Stable Angina																
4	Unstable Angina																
5	Non-ST Elevation MI (Non-STEMI)																
6	ST Elevation MI (STEMI)																
242	chf	<p>Heart Failure within 2 weeks(retired v2.81) <i>Indicate if there is physician documentation or report that the patient has been in a state of heart failure within the past 2 weeks. Heart failure is defined as physician documentation or report of any of the following clinical symptoms of heart failure described as unusual dyspnea on light exertion, recurrent dyspnea occurring in the supine position, fluid retention; or the description of rales, jugular venous distension, pulmonary edema on physical exam, or pulmonary edema on chest x-ray presumed to be cardiac dysfunction. A low ejection fraction alone, without clinical evidence of heart failure does not qualify as heart failure. An elevated BNP without other supporting documentation should not be coded as CHF.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 910</p>	1	Yes	2	No	3	Unknown								
1	Yes																
2	No																
3	Unknown																
243	priorhf	<p>Prior Heart failure(retired v2.81) <i>Indicate history of heart failure occurring more than 2 weeks prior to current episode of care. A previous hospital admission with principal diagnosis of heart failure is considered evidence of heart failure history but is not essential.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 920</p>	1	Yes	2	No	3	Unknown								
1	Yes																
2	No																
3	Unknown																

244	heartfail	Heart Failure <i>Indicate whether there is physician documentation or report that the patient has been in a state of heart failure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 911	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
245	heartfailtmg	Heart Failure Timing <i>Indicate whether heart failure is acute, chronic or both (acute on chronic)</i>	radio <table border="1"> <tr><td>1</td><td>Acute</td></tr> <tr><td>2</td><td>Chronic</td></tr> <tr><td>3</td><td>Both</td></tr> </table> Field Annotation: v2.9 SeqNo. 912	1	Acute	2	Chronic	3	Both				
1	Acute												
2	Chronic												
3	Both												
246	heartfailtype	Heart Failure Type <i>Indicate the type of heart failure.</i>	radio <table border="1"> <tr><td>1</td><td>Systolic</td></tr> <tr><td>2</td><td>Diastolic</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Unavailable</td></tr> </table> Field Annotation: v2.9 SeqNo. 913	1	Systolic	2	Diastolic	3	Both	4	Unavailable		
1	Systolic												
2	Diastolic												
3	Both												
4	Unavailable												
247	classnyh	Classification-NYHA <i>Indicate the patient's worst dyspnea or functional class, coded as the New York Heart Association (NYHA) classification within the past 2 weeks. This is to be used for heart failure only, is not intended to classify angina.</i>	radio <table border="1"> <tr><td>1</td><td>Class I</td></tr> <tr><td>2</td><td>Class II</td></tr> <tr><td>3</td><td>Class III</td></tr> <tr><td>4</td><td>Class IV</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: all versions	1	Class I	2	Class II	3	Class III	4	Class IV	5	Not documented
1	Class I												
2	Class II												
3	Class III												
4	Class IV												
5	Not documented												
248	carshock	Cardiogenic Shock <i>Indicate if the patient developed cardiogenic shock. Cardiogenic shock is defined as a sustained (>30 min) episode of hypoperfusion evidenced by systolic blood pressure < 90 mm Hg and/or, if available, cardiac index < 2.2 L/min per square meter determined to be secondary to cardiac dysfunction and/or the requirement for parenteral inotropic or vasopressor agents or mechanical support (e.g., IABP, extracorporeal circulation, VADs) to maintain blood pressure and cardiac index above those specified levels. cardiogenic shock. The hemodynamic compromise (with or without extraordinary supportive therapy) must persist for at least 30 min. ACCF/AHA 2013</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes - At the time of the procedure</td></tr> <tr><td>4</td><td>Yes, not at the time of the procedure but within prior 24 hours</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	3	Yes - At the time of the procedure	4	Yes, not at the time of the procedure but within prior 24 hours	2	No		
1	Yes												
3	Yes - At the time of the procedure												
4	Yes, not at the time of the procedure but within prior 24 hours												
2	No												
249	resusc	Resuscitation <i>Indicate whether the patient required cardiopulmonary resuscitation before the start of the operative procedure which includes the institution of anesthetic management. Capture resuscitation timeframe: within 1 hour or 1-24 hours pre-op.</i>	dropdown <table border="1"> <tr><td>3</td><td>Yes - Within 1 hour of the start of the procedure</td></tr> <tr><td>4</td><td>Yes - More than 1 hour but less than 24 hours of the start of the procedure</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	3	Yes - Within 1 hour of the start of the procedure	4	Yes - More than 1 hour but less than 24 hours of the start of the procedure	1	Yes	2	No		
3	Yes - Within 1 hour of the start of the procedure												
4	Yes - More than 1 hour but less than 24 hours of the start of the procedure												
1	Yes												
2	No												
250	arrhythmia	Cardiac Arrhythmia <i>Indicate whether the patient has a history of a cardiac rhythm disturbance before the start of the operative procedure which includes the institution of anesthetic management.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 945	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
251	arrhyth	Arrhythmia(retired v2.61) <i>Indicate whether there is a history of preoperative arrhythmia (sustained ventricular tachycardia, ventricular fibrillation, atrial fibrillation, atrial flutter, third degree heart block) that has been treated with any of the following modalities: 1. ablation therapy 2. AICD 3. pacemaker 4. pharmacological treatment 5. electrocardioversion</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												

252	arrhythafibdur	Cardiac Arrhythmia - Atrial Fibrillation Duration(retired v2.81) <i>Indicate the duration of atrial fibrillation.</i>	radio <table border="1"> <tr><td>1</td><td>Less than or equal to 1 year</td></tr> <tr><td>2</td><td>More than one year</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Less than or equal to 1 year	2	More than one year	3	Unknown						
1	Less than or equal to 1 year														
2	More than one year														
3	Unknown														
			Field Annotation: v2.81 SeqNo. 963												
253	arrhythwhen	Arrhythmia When(retired v2.73) <i>Indicate when the patient had a preoperative history of arrhythmia (sustained ventricular tachycardia, ventricular fibrillation, or sudden cardiac death presumed to be lethal arrhythmia, atrial fibrillation, atrial flutter, third degree heart block, second degree heart block, sick sinus syndrome) that has been treated with any of the following modalities: 1. ablation therapy 2. AICD 3. pacemaker 4. pharmacological treatment 5. electrocardioversion 6. defibrillation</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent						
1	None														
2	Remote														
3	Recent														
			Field Annotation: v2.73												
254	arrhythpaced	Cardiac Arrhythmia - Permanently Paced Rhythm <i>Indicate whether the patient has a permanently paced rhythm, evidenced by pacemaker activity during heart rhythm evaluation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.81 SeqNo. 947												
255	arrhythvv	Cardiac Arrhythmia - VTach / VFib <i>Indicate whether arrhythmia was VTach or VFib.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent						
1	None														
2	Remote														
3	Recent														
			Field Annotation: v2.81 SeqNo. 950												
256	arrhythsss	Cardiac Arrhythmia - Sick Sinus Syndrome <i>Indicate whether arrhythmia was sick sinus syndrome.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent						
1	None														
2	Remote														
3	Recent														
			Field Annotation: v2.81 SeqNo. 955												
257	arrhythflutter	Cardiac Arrhythmia - AFlutter <i>Indicate whether arrhythmia was atrial flutter.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent						
1	None														
2	Remote														
3	Recent														
			Field Annotation: v2.81 SeqNo. 960												
258	arrhythatrfib	Cardiac Arrhythmia - Atrial Fibrillation <i>Indicate whether arrhythmia was atrial fibrillation.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent						
1	None														
2	Remote														
3	Recent														
			Field Annotation: v2.9 SeqNo. 961												
259	arrhythafib	Cardiac Arrhythmia - Atrial Fibrillation - Type <i>Indicate whether arrhythmia was atrial fibrillation and if so, which type.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Paroxysmal</td></tr> <tr><td>3</td><td>Continuous / persistent</td></tr> <tr><td>4</td><td>Persistent</td></tr> <tr><td>5</td><td>Longstanding Persistent</td></tr> <tr><td>6</td><td>Permanent</td></tr> </table>	1	None	2	Paroxysmal	3	Continuous / persistent	4	Persistent	5	Longstanding Persistent	6	Permanent
1	None														
2	Paroxysmal														
3	Continuous / persistent														
4	Persistent														
5	Longstanding Persistent														
6	Permanent														
			Field Annotation: v2.81 SeqNo. 962												

260	arrhythsecond	Cardiac Arrhythmia - Second Degree Heart Block <i>Indicate whether arrhythmia was second degree heart block.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent
1	None								
2	Remote								
3	Recent								
			Field Annotation: v2.81 SeqNo. 965						
261	arrhyththird	Cardiac Arrhythmia - Third Degree Heart Block <i>Indicate whether arrhythmia was third degree heart block.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Remote</td></tr> <tr><td>3</td><td>Recent</td></tr> </table>	1	None	2	Remote	3	Recent
1	None								
2	Remote								
3	Recent								
			Field Annotation: v2.81 SeqNo. 970						
262	arrhyvtach	Arrhythmia Type-Vtach/Vfib(retired v2.73) <i>Indicate whether sustained ventricular tachycardia or fibrillation was present within 30 days of the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.73						
263	arrhyvtachhrtblk	Arrhythmia Type-Second Degree Heart Block(retired v2.73) <i>Indicate whether Second Degree Heart Block was present within 30 days of the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.73						
264	arrhyvtachsicsinsyn	Arrhythmia Type-Sick Sinus Syndrome(retired v2.73) <i>Indicate whether Sick Sinus Syndrome was present within 30 days of the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.73						
265	arrhythb	Arrhythmia Type-Third Degree Heart Block(retired v2.73) <i>Indicate whether third degree heart block was present within thirty days of the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.73						
266	arrhyafib	Arrhythmia Type-Afib/Aflutter(retired v2.73) <i>Indicate whether atrial fibrillation or flutter was present within thirty days of the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.73						
267	arrhyafibty	Afib/Aflutter Type(retired v2.73) <i>Indicate whether preoperative AFib/Aflutter is paroxysmal or continuous/persistent.</i>	radio <table border="1"> <tr><td>1</td><td>Paroxysmal</td></tr> <tr><td>2</td><td>Continuous/Persistent</td></tr> </table>	1	Paroxysmal	2	Continuous/Persistent		
1	Paroxysmal								
2	Continuous/Persistent								
			Field Annotation: v2.73						
268	preoperative_cardiac_status_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								

Instrument: **Preoperative Medications** (preoperative_medications)

[^ Collapse](#)

269	medacei48	Meds-ACE Inhibitors or ARB Within 48 Hours <i>Indicate whether the patient received ACE Inhibitors or ARB within 48 hours preceding surgery (e.g., if indicated for LV dysfunction or acute MI).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
270	medacei	Meds-ACE or ARB Inhibitors(retired v2.61) <i>Indicate whether the patient received ACE or ARB Inhibitors within 24 hours preceding surgery ,or if ACE or ARB Inhibitor was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
271	medamiodarone	Meds- Amiodarone Prior To Surgery <i>Indicate whether and when the patient received Amiodarone therapy prior to surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes, on home therapy</td></tr> <tr><td>2</td><td>Yes, therapy started this admission</td></tr> <tr><td>3</td><td>No</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1025	1	Yes, on home therapy	2	Yes, therapy started this admission	3	No	4	Unknown
1	Yes, on home therapy										
2	Yes, therapy started this admission										
3	No										
4	Unknown										
272	medbeta	Meds-Beta Blockers Within 24 Hours <i>Indicate whether or not the patient received beta blockers within 24 hours preceding surgery, or if beta blocker was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant. A 'hold order' is not considered a contraindication.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
273	medbetather	Meds-Beta Blocker Therapy For More Than 2 Weeks Prior To Surgery <i>Indicate whether the patient received beta blocker therapy for at least 2 weeks prior to surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1035	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
274	medcchanther	Meds-Calcium Channel Blocker Therapy For More Than 2 Weeks Prior To Surgery <i>Indicate whether the patient received calcium channel blocker therapy for at least 2 weeks prior to surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1040	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
275	medlongactnit	Meds-Long-Acting Nitrate Therapy For More Than 2 Weeks Prior To Surgery <i>Indicate whether the patient received long-acting nitrate therapy for at least 2 weeks prior to surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1045	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
276	mednitiv	Meds-Nitrates-I.V. Within 24 Hours <i>Indicate whether the patient received IV Nitrates within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated / Not Indicated</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Contraindicated / Not Indicated		
1	Yes										
2	No										
3	Contraindicated / Not Indicated										

277	medothantiang	Meds-Other Antianginal Medication Therapy For More Than 2 Weeks Prior To Surgery <i>Indicate whether the patient received any other antianginal medication therapy for at least 2 weeks prior to surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1055	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
278	medaplt5days	Meds-Antiplatelets Within 5 Days(retired v2.81) <i>Indicate whether the patient has received Antiplatelets within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1085	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
279	medadp5days	Meds-ADP Inhibitors Within Five Days <i>Indicate whether the patient has received ADP Inhibitors within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
280	medadpidis	Meds-ADP Inhibitors Discontinuation <i>Indicate the number of days prior to surgery ADP Inhibitor use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.61								
281	medasa	Meds-Aspirin Within Five Days <i>Indicate whether or not the patient received Aspirin or Ecotrin within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	Contraindicated	4	Unknown
1	Yes										
2	No										
3	Contraindicated										
4	Unknown										
282	medasadis	Meds-Aspirin Discontinuation <i>Indicate the number of days prior to surgery Aspirin use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.9 SeqNo. 1071								
283	medasaonce	Meds-Aspirin One-Time Dose <i>Indicate whether the patient received a one-time dose of Aspirin and is not on daily aspirin.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 1072	1	Yes	2	No				
1	Yes										
2	No										
284	medgpmn	Meds-Glycoprotein IIb/IIIa Inhibitor-Medication Name(retired v2.81) <i>Indicate the name of the Glycoprotein IIb/IIIa Inhibitor the patient received within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Abciximab (ReoPro)</td></tr> <tr><td>2</td><td>Eptifibatide (Integrilin)</td></tr> <tr><td>3</td><td>Tirofiban (Aggrastat)</td></tr> <tr><td>4</td><td>Other</td></tr> </table> Field Annotation: v2.81 SeqNo. 1074	1	Abciximab (ReoPro)	2	Eptifibatide (Integrilin)	3	Tirofiban (Aggrastat)	4	Other
1	Abciximab (ReoPro)										
2	Eptifibatide (Integrilin)										
3	Tirofiban (Aggrastat)										
4	Other										
285	medgp	Meds-Glycoprotein IIb/IIIa Inhibitor Within 24 Hours <i>Indicate whether the patient received Glycoprotein IIb/IIIa inhibitors within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No				
1	Yes										
2	No										

286	medacoag	Meds-Anticoagulants Within 48 Hours <i>Indicate whether the patient received IV and/or subq anticoagulants within 48 hours preceding surgery. Do NOT include Coumadin or one-time boluses of Heparin.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No						
1	Yes												
2	No												
287	medacmn	Meds-Anticoagulants-Medication Name <i>Indicate the name of the anticoagulant the patient received within 48 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Heparin (Unfractionated)</td></tr> <tr><td>2</td><td>Heparin (Low Molecular)</td></tr> <tr><td>4</td><td>Both</td></tr> <tr><td>3</td><td>Thrombin Inhibitors (incl bivalhirudin or argatroban)</td></tr> <tr><td>9</td><td>Other</td></tr> </table> Field Annotation: v2.52.1	1	Heparin (Unfractionated)	2	Heparin (Low Molecular)	4	Both	3	Thrombin Inhibitors (incl bivalhirudin or argatroban)	9	Other
1	Heparin (Unfractionated)												
2	Heparin (Low Molecular)												
4	Both												
3	Thrombin Inhibitors (incl bivalhirudin or argatroban)												
9	Other												
288	medcoum	Meds-Coumadin(retired v2.81) <i>Indicate whether the patient received Coumadin within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1090	1	Yes	2	No	4	Unknown				
1	Yes												
2	No												
4	Unknown												
289	medcoum5days	Meds-Warfarin (Coumadin) Within 5 Days <i>Indicate whether the patient has received Warfarin (Coumadin) within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 1091	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
290	medcoum5dis	Meds-Warfarin (Coumadin) Discontinuation <i>Indicate the number of days prior to surgery Warfarin (Coumadin) use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.9 SeqNo. 1092										
291	medxainhibitors	Meds-Factor Xa Inhibitors(retired v2.81) <i>Indicate whether the patient received factor Xa inhibitors within 24 hours preoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1100	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
292	medxa5days	Meds-Factor Xa Inhibitors Within 5 Days <i>Indicate whether the patient has received Factor Xa Inhibitors within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 1101	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
293	medxa5disdis	Meds-Factor Xa Inhibitors Discontinuation <i>Indicate the number of days prior to surgery Factor Xa Inhibitor use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.9 SeqNo. 1102										
294	mednoac5days	Meds-Novel Oral Anticoagulant Within 5 Days <i>Indicate whether the patient has received Novel Oral Anticoagulant within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 1111	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
295	medaarrhy	Meds-Preoperative Antiarrhythmics(retired v2.73) <i>Indicate whether or not the patient was on antiarrhythmics preoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												

296	mednoacdisc	Meds-Novel Oral Anticoagulant Discontinuation <i>Indicate the number of days prior to surgery Novel Oral Anticoagulant use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.9 SeqNo. 1112										
297	medthrombinin	Meds-Thrombin Inhibitors(retired v2.81) <i>Indicate whether the patient received thrombin inhibitors within 24 hours preoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1120	1	Yes	2	No	3	Contraindicated	4	Unknown		
1	Yes												
2	No												
3	Contraindicated												
4	Unknown												
298	medthromin5days	Meds-Thrombin Inhibitors Within 5 Days <i>Indicate whether the patient has received Thrombin Inhibitors within 5 days preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 1121	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
299	medthromindisc	Meds-Thrombin Inhibitors Discontinuation <i>Indicate the number of days prior to surgery Thrombin Inhibitor use was discontinued. If less than 24 hours, enter '0'.</i>	text (number, Min: 0, Max: 5) Field Annotation: v2.9 SeqNo. 1122										
300	medthrom	Meds-Thrombolytics Within 48 Hours <i>Indicate whether the patient received thrombolytics within 48 hours preoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
301	medinotr	Meds-Inotropes Within 48 Hours <i>Indicate whether the patient received IV inotropic agents within 48 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No						
1	Yes												
2	No												
302	medlipmn	Meds-Lipid Lowering-Medication Type(retired v2.81) <i>Indicate the type of lipid lowering medication the patient received within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Statin</td></tr> <tr><td>2</td><td>Non-statin</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Other</td></tr> <tr><td>5</td><td>Combination</td></tr> </table> Field Annotation: v2.81 SeqNo. 1140	1	Statin	2	Non-statin	3	Both	4	Other	5	Combination
1	Statin												
2	Non-statin												
3	Both												
4	Other												
5	Combination												
303	medlipid	Meds-Lipid Lowering Within 24 Hours <i>Indicate whether or not the patient received lipid lowering medication within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No	3	Contraindicated	4	Unknown		
1	Yes												
2	No												
3	Contraindicated												
4	Unknown												
304	medliptype	Meds-Lipid Lowering-Medication Type <i>Indicate the type of lipid lowering medication the patient received within 24 hours preceding surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Statin</td></tr> <tr><td>2</td><td>Statin + Other</td></tr> <tr><td>3</td><td>Non-statin/Other</td></tr> </table> Field Annotation: v2.9 SeqNo. 1141	1	Statin	2	Statin + Other	3	Non-statin/Other				
1	Statin												
2	Statin + Other												
3	Non-statin/Other												

305	medster	<p>Meds-Steroids Within 24 Hours <i>Indicate whether the patient was taking steroids within 24 hours of surgery. This does not include a one-time dose related to prophylaxis therapy (i.e. IV dye exposure for cath procedure or surgery pre-induction period). Non-systemic medications are not included in this category (i.e., nasal sprays, topical creams).</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> <p>Field Annotation: all versions</p>	1	Yes	2	No	3	Contraindicated	4	Unknown		
1	Yes												
2	No												
3	Contraindicated												
4	Unknown												
306	preoperative_medications_complete	<p>Section Header: <i>Form Status</i> Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete				
0	Incomplete												
1	Unverified												
2	Complete												
<p>Instrument: Hemodynamics Cath Echo (hemodynamics_cath_echo) ^ Collapse</p>													
307	carcathper	<p>Cardiac Catheterization Performed <i>Indicate whether cardiac catheterization and/or CT angio was performed.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No						
1	Yes												
2	No												
308	carcathdt_deid	<p>Cardiac Catheterization Date (Deid) <i>Indicate the date cardiac catheterization was performed.</i></p>	<p>text (date_mdy) Field Annotation: v2.73</p>										
309	coranatdisknown	<p>Coronary Anatomy/Disease Known <i>Indicate whether coronary artery anatomy and/or disease is documented and available prior to surgery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1155</p>	1	Yes	2	No						
1	Yes												
2	No												
310	dominance	<p>Dominance <i>Indicate whether coronary artery dominance is documented prior to surgery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Left</td></tr> <tr><td>2</td><td>Right</td></tr> <tr><td>3</td><td>Co-dominant</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1160</p>	1	Left	2	Right	3	Co-dominant	4	Not documented		
1	Left												
2	Right												
3	Co-dominant												
4	Not documented												
311	stensource	<p>Source(s) Used To Quantify Stenosis <i>Indicate source or sources used to quantify coronary artery stenosis.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Angiogram</td></tr> <tr><td>2</td><td>CT 3 IVUS</td></tr> <tr><td>4</td><td>Progress/OP Note</td></tr> <tr><td>5</td><td>Other</td></tr> <tr><td>6</td><td>Multiple</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1165</p>	1	Angiogram	2	CT 3 IVUS	4	Progress/OP Note	5	Other	6	Multiple
1	Angiogram												
2	CT 3 IVUS												
4	Progress/OP Note												
5	Other												
6	Multiple												
312	numdisv	<p>Num Dis Vessels <i>Indicate the number of diseased major native coronary vessel systems system, and/or Right system with >= 50% narrowing of any vessel preoperatively. NOTE: Left main disease (>=50%) is counted as TWO vessels (LAD and Circumflex, which may include a Ramus Intermedius). For example, left main and RCA would count as three total. A vessel that has ever been considered diseased, should always be considered diseased.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>One</td></tr> <tr><td>3</td><td>Two</td></tr> <tr><td>4</td><td>Three</td></tr> </table> <p>Field Annotation: all versions</p>	1	None	2	One	3	Two	4	Three		
1	None												
2	One												
3	Two												
4	Three												
313	pctstenknown	<p>Percent Native Artery Stenosis Known <i>Indicate whether the percent stenosis of native coronary stenosis is known.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1175</p>	1	Yes	2	No						
1	Yes												
2	No												

314	graftsprnt	Graft(s) Present <i>Indicate whether one or more coronary artery bypass grafts are present prior to this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.81 SeqNo. 1180								
315	stentprsnt	Stent(s) Present <i>Indicate whether one or more intracoronary stents are present prior to this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.81 SeqNo. 1185								
316	ffrperf	Fractional Flow Reserve (FFR) Performed <i>Indicate whether Fractional Flow Reserve (FFR) was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.81 SeqNo. 1190								
317	ifrperf	Instantaneous Wave-Free Ration (iFR) Performed <i>Indicate whether Instantaneous wave-free ration (iFR) was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 1191								
318	hdpad	Hemo Data - HDBA Mean Done(retired v2.61) <i>Indicate whether the mean pulmonary artery pressure in mm Hg, was recorded from catheterization data or Swan-Ganz catheter BEFORE the induction of anesthesia.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.61								
319	pctstenlmain	Percent Stenosis - Left Main <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1195								
320	hdpamean	Hemo Data-PA Mean(retired v2.61) <i>Indicate the mean pulmonary artery pressure in mm Hg, recorded from catheterization data or Swan- Ganz catheter BEFORE the induction of anesthesia.</i>	text Field Annotation: v2.61								
321	grftstenlmain	Graft Stenosis - Left Main <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table>	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
			Field Annotation: v2.81 SeqNo. 1200								
322	stntstenlmain	Stent Stenosis - Left Main <i>Indicate the highest percent of stent stenosis at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table>	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
			Field Annotation: v2.81 SeqNo. 1205								
323	ffrlmain	Fractional Flow Reserve (FFR) - Left Main <i>Indicate the FFR in this vessel.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1210								
324	ifrlmain	Instantaneous Wave-Free Ration (iFR) - Left Main <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1212								
325	pctstenproxlad	Percent Stenosis - Proximal LAD <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1215								

326	grftstenproxlad	Graft Stenosis - Proximal LAD <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1220	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
327	stntstenproxlad	Stent Stenosis - Proximal LAD <i>Indicate the highest percent of stent stenosis at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1225	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
328	ffrproxlad	Fractional Flow Reserve (FFR) - Proximal LAD <i>Indicate the FFR in this vessel.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1230								
329	ifrproxlad	Instantaneous Wave-Free Ration (iFR) - Proximal LAD <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1232								
330	pctstenmidlad	Percent Stenosis - Mid LAD <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1235								
331	grftstenmidlad	Graft Stenosis - Mid LAD <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1240	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
332	stntstenmidlad	Stent Stenosis - Mid LAD <i>Indicate the highest percent of stent stenosis at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1245	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
333	ffrmidlad	Fractional Flow Reserve (FFR) - Mid LAD <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1250								
334	ifrmidlad	Instantaneous Wave-Free Ration (iFR) - Mid LAD <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1252								
335	pctstendistlad	Percent Stenosis - Distal LAD <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1255								
336	grftstendistlad	Graft Stenosis - Distal LAD <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1260	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
337	stntstendistlad	Stent Stenosis - Distal LAD <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1265	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
338	ffrdistlad	Fractional Flow Reserve (FFR) - Distal LAD <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1270								
339	ifrdistlad	Instantaneous Wave-Free Ration (iFR) - Distal LAD <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1272								

340	pctstendiag1	Percent Stenosis - Diagonal 1 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1275								
341	grfstendiag1	Graft Stenosis - Diagonal 1 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1280	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
342	stntstendiag1	Stent Stenosis - Diagonal 1 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1285	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
343	ffrdiag1	Fractional Flow Reserve (FFR) - Diagonal 1 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1290								
344	ifrdiag1	Instantaneous Wave-Free Ration (iFR) - Diagonal 1 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1292								
345	pctstendiag2	Percent Stenosis - Diagonal 2 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1295								
346	grfstendiag2	Graft Stenosis - Diagonal 2 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1300	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
347	stntstendiag2	Stent Stenosis - Diagonal 2 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1305	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
348	ffrdiag2	Fractional Flow Reserve (FFR) - Diagonal 2 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1310								
349	ifrdiag2	Instantaneous Wave-Free Ration (iFR) - Diagonal 2 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1312								
350	pctstendiag3	Percent Stenosis - Diagonal 3 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1315								
351	grfstendiag3	Graft Stenosis - Diagonal 3 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1320	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
352	stntstendiag3	Stent Stenosis - Diagonal 3 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1325	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
353	ffrdiag3	Fractional Flow Reserve (FFR) - Diagonal 3 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1330								

354	ifrdiag3	Instantaneous Wave-Free Ration (iFR) - Diagonal 3 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1332								
355	pctstencircflx	Percent Stenosis - Circumflex <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1335								
356	grftstencircflx	Graft Stenosis - Circumflex <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1340	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
357	stntstencircflx	Stent Stenosis - Circumflex <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1345	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
358	ffrcircflx	Fractional Flow Reserve (FFR) - Circumflex <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1350								
359	ifrcircflx	Instantaneous Wave-Free Ration (iFR) - Circumflex <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1352								
360	pctstenom1	Percent Stenosis - Obtuse Marginal 1 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1355								
361	grftstenom1	Graft Stenosis - Obtuse Marginal 1 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1360	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
362	stntstenom1	Stent Stenosis - Obtuse Marginal 1 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1365	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
363	ffrom1	Fractional Flow Reserve (FFR) - Obtuse Marginal 1 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1370								
364	ifrom1	Instantaneous Wave-Free Ration (iFR) - Obtuse Marginal 1 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1372								
365	pctstenom2	Percent Stenosis - Obtuse Marginal 2 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1375								
366	grftstenom2	Graft Stenosis - Obtuse Marginal 2 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1380	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
367	stntstenom2	Stent Stenosis - Obtuse Marginal 2 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1385	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										

368	ffrom2	Fractional Flow Reserve (FFR) - Obtuse Marginal 2 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1390								
369	ifrom2	Instantaneous Wave-Free Ration (iFR) - Obtuse Marginal 2 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1392								
370	pctstenom3	Percent Stenosis - Obtuse Marginal 3 <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1395								
371	grftstenom3	Graft Stenosis - Obtuse Marginal 3 <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1400	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
372	stntstenom3	Stent Stenosis - Obtuse Marginal 3 <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1405	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
373	ffrom3	Fractional Flow Reserve (FFR) - Obtuse Marginal 3 <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1410								
374	ifrom3	Instantaneous Wave-Free Ration (iFR) - Obtuse Marginal 3 <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1412								
375	pctstenramus	Percent Stenosis - Ramus <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1415								
376	grftstenramus	Graft Stenosis - Ramus <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1420	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
377	stntstenramus	Stent Stenosis - Ramus <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1425	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
378	fframus	Fractional Flow Reserve (FFR) - Ramus <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1430								
379	iframus	Instantaneous Wave-Free Ration (iFR) - Ramus <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1432								
380	pctstenrca	Percent Stenosis - RCA <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1435								
381	grftstenrca	Graft Stenosis - RCA <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1440	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										

382	stntstenrca	Stent Stenosis - RCA <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1445	1	Patent	2	Stenosis >=50%	3	Not documented						
1	Patent														
2	Stenosis >=50%														
3	Not documented														
383	ffrrca	Fractional Flow Reserve (FFR) - RCA <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1450												
384	ifrrca	Instantaneous Wave-Free Ration (iFR) - RCA <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1452												
385	pctstenam	Percent Stenosis - Acute Marginal (AM) <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1455												
386	grftstenam	Graft Stenosis - Acute Marginal (AM) <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1460	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented				
1	Patent														
2	Stenosis >=50%														
3	100% occlusion														
4	Not documented														
387	stresstres	Section Header: <i>null</i> Stress Test Result(retired v2.81) <i>Indicate the stress test result.</i>	radio <table border="1"> <tr><td>1</td><td>Normal</td></tr> <tr><td>2</td><td>Abnormal</td></tr> <tr><td>3</td><td>Unavailable</td></tr> </table> Field Annotation: v2.81 SeqNo. 1530	1	Normal	2	Abnormal	3	Unavailable						
1	Normal														
2	Abnormal														
3	Unavailable														
388	stntstenam	Stent Stenosis - Acute Marginal (AM) <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1465	1	Patent	2	Stenosis >=50%	3	Not documented						
1	Patent														
2	Stenosis >=50%														
3	Not documented														
389	ffram	Fractional Flow Reserve (FFR) - Acute Marginal (AM) <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1470												
390	ifram	Instantaneous Wave-Free Ration (iFR) - Acute Marginal (AM) <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1472												
391	pctstenpda	Percent Stenosis - Posterior Descending (PDA) <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1475												
392	hdefmeth	Hemo Data-EF Method(retired v2.73) <i>Indicate how the Ejection Fraction measurement information was obtained preoperatively.</i>	dropdown <table border="1"> <tr><td>2</td><td>LV Gram</td></tr> <tr><td>3</td><td>Radionuclide</td></tr> <tr><td>4</td><td>Estimate</td></tr> <tr><td>5</td><td>ECHO</td></tr> <tr><td>6</td><td>MRI/CT</td></tr> <tr><td>9</td><td>Other</td></tr> </table> Field Annotation: v2.73	2	LV Gram	3	Radionuclide	4	Estimate	5	ECHO	6	MRI/CT	9	Other
2	LV Gram														
3	Radionuclide														
4	Estimate														
5	ECHO														
6	MRI/CT														
9	Other														
393	grftstenpda	Graft Stenosis - Posterior Descending (PDA) <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1480	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented				
1	Patent														
2	Stenosis >=50%														
3	100% occlusion														
4	Not documented														

394	stntstenpda	Stent Stenosis - Posterior Descending (PDA) <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1485	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
395	ffrpda	Fractional Flow Reserve (FFR) - Posterior Descending (PDA) <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1490								
396	ifrpda	Instantaneous Wave-Free Ration (iFR) - Posterior Descending (PDA) <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1492								
397	pctstenplb	Percent Stenosis - Posterolateral (PLB) <i>Indicate the highest percent stenosis in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1495								
398	grftstenplb	Graft Stenosis - Posterolateral (PLB) <i>Indicate the highest percent stenosis in this graft at the time of this surgery.</i>	dropdown <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>100% occlusion</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1500	1	Patent	2	Stenosis >=50%	3	100% occlusion	4	Not documented
1	Patent										
2	Stenosis >=50%										
3	100% occlusion										
4	Not documented										
399	lmaindis	Left Main Dis >= 50%(retired v2.73) <i>Indicate whether the patient has Left Main Coronary Disease. Left Main Coronary Disease is present when there is >= 50% compromise of vessel diameter preoperatively.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
400	stntstenplb	Stent Stenosis - Posterolateral (PLB) <i>Indicate the highest percent of stent stenosis in this vessel at the time of this surgery.</i>	dropdown <table border="1"> <tr><td>1</td><td>Patent</td></tr> <tr><td>2</td><td>Stenosis >=50%</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1505	1	Patent	2	Stenosis >=50%	3	Not documented		
1	Patent										
2	Stenosis >=50%										
3	Not documented										
401	proxlad	Proximal LAD Disease >=70%(retired v2.73) <i>Indicate whether the percent luminal narrowing of the proximal left anterior descending artery at the point of maximal stenosis is greater than or equal to 70%.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
402	ffrplb	Fractional Flow Reserve (FFR) - Posterolateral (PLB) <i>Indicate the FFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.81 SeqNo. 1510								
403	ifrplb	Instantaneous Wave-Free Ration (iFR) - Posterolateral (PLB) <i>Indicate the iFR in this vessel at the time of this surgery.</i>	text (number, Min: 0, Max: 1) Field Annotation: v2.9 SeqNo. 1512								
404	syntaxscrknown	Syntax Score Known <i>Indicate whether a syntax score is known.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1515	1	Yes	2	No				
1	Yes										
2	No										
405	syntaxscr	Syntax Score <i>Indicate syntax score documented prior to this surgery.</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.81 SeqNo. 1520								
406	stresstst	Stress Test Performed <i>Indicate whether a stress test was performed prior to this surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1525	1	Yes	2	No				
1	Yes										
2	No										

407	strststres	Stress Test Result <i>Indicate the results of the stress test.</i>	radio <table border="1"> <tr> <td>1</td> <td>Negative (normal)</td> </tr> <tr> <td>2</td> <td>Positive (abnormal)</td> </tr> <tr> <td>3</td> <td>Not documented</td> </tr> </table> Field Annotation: v2.9 SeqNo. 1531	1	Negative (normal)	2	Positive (abnormal)	3	Not documented														
1	Negative (normal)																						
2	Positive (abnormal)																						
3	Not documented																						
408	hdefd	Section Header: <i>Hemodynamics</i> Hemo Data-EF Done <i>Indicate whether the Ejection Fraction was measured prior to the induction of anesthesia.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.41	1	Yes	2	No																
1	Yes																						
2	No																						
409	hdef	Hemo Data-EF <i>Indicate the percentage of the blood emptied from the left ventricle at the end of the contraction. Use the most recent determination prior to the surgical intervention documented on a diagnostic report. Enter a percentage in the range of 1 - 99. If a percentage range is reported, report a whole number using the 'mean' (i.e., 50-55% is reported as 53%). • Hyperdynamic: >70% • Normal: 50%-70% (midpoint 60%) • Mild dysfunction: 40%-49% (midpoint 45%) • Moderate dysfunction: 30%-39% (midpoint 35%) • Severe dysfunction: < 30% is acceptable. ACCF/AHA 2013</i>	text (number, Min: 1, Max: 99) Field Annotation: all versions																				
410	dimavail	Hemo Data-Dimensions Available <i>Indicate whether intracardiac dimensions are available.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 1555	1	Yes	2	No																
1	Yes																						
2	No																						
411	lvsd	Hemo Data-LV End Systolic Dimension <i>Indicate LV End -Systolic Dimension in mm. LV end systolic dimension is the same as left ventricular internal dimension in end systole (LVIDs)</i>	text (number, Min: 0, Max: 90) Field Annotation: v2.73																				
412	lvedd	Hemo Data-LV End-Diastolic Dimension <i>Indicate the Left Ventricular End-Diastolic Dimension in mm. LV end diastolic dimension is the same as left ventricular internal dimension in end diastole (LVIDs)</i>	text (number, Min: 20, Max: 100) Field Annotation: v2.73																				
413	pasysmeas	Hemo-PA Systolic Pressure Measured <i>Indicate whether the PA systolic pressure was measured prior to incision.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No																
1	Yes																						
2	No																						
414	vdaoet	VD-Aortic Etiology(retired v2.73) <i>Indicate primary etiology of aortic valve disease.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Degenerative (senile)</td> </tr> <tr> <td>2</td> <td>Endocarditis</td> </tr> <tr> <td>3</td> <td>Congenital</td> </tr> <tr> <td>4</td> <td>Rheumatic</td> </tr> <tr> <td>5</td> <td>Primary Aortic Disease</td> </tr> <tr> <td>6</td> <td>LV Outflow Tract Obstruction</td> </tr> <tr> <td>7</td> <td>Supravalvular Aortic Stenosis</td> </tr> <tr> <td>8</td> <td>Tumor</td> </tr> <tr> <td>9</td> <td>Trauma</td> </tr> <tr> <td>10</td> <td>Other</td> </tr> </table> Field Annotation: v2.73	1	Degenerative (senile)	2	Endocarditis	3	Congenital	4	Rheumatic	5	Primary Aortic Disease	6	LV Outflow Tract Obstruction	7	Supravalvular Aortic Stenosis	8	Tumor	9	Trauma	10	Other
1	Degenerative (senile)																						
2	Endocarditis																						
3	Congenital																						
4	Rheumatic																						
5	Primary Aortic Disease																						
6	LV Outflow Tract Obstruction																						
7	Supravalvular Aortic Stenosis																						
8	Tumor																						
9	Trauma																						
10	Other																						
415	pasys	Hemo-PA Systolic Pressure <i>Capture highest PA systolic pressure recorded prior to incision.</i>	text (number, Min: 10, Max: 150) Field Annotation: v2.73																				
416	vdendab	VD-Endocarditis Root Abscess(retired v2.73) <i>Indicate if endocarditis is associated with an aortic root abscess.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No																
1	Yes																						
2	No																						

417	vdcongent	VD-Congenital Type (retired v2.73) <i>Indicate type of congenital Aortic Valve disease.</i>	radio <table border="1"> <tr><td>1</td><td>Bicuspid</td></tr> <tr><td>2</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Bicuspid	2	Other								
1	Bicuspid														
2	Other														
418	vdprimao	VD-Primary aortic disease <i>Indicate type of Primary Aortic Disease.</i>	radio <table border="1"> <tr><td>1</td><td>Marfans</td></tr> <tr><td>2</td><td>Other Connective tissue disorder</td></tr> <tr><td>3</td><td>Atherosclerotic Aneurysm</td></tr> <tr><td>4</td><td>Inflammatory</td></tr> <tr><td>5</td><td>Aortic Dissection</td></tr> <tr><td>6</td><td>Idiopathic Root Dilation</td></tr> </table> Field Annotation: v2.73	1	Marfans	2	Other Connective tissue disorder	3	Atherosclerotic Aneurysm	4	Inflammatory	5	Aortic Dissection	6	Idiopathic Root Dilation
1	Marfans														
2	Other Connective tissue disorder														
3	Atherosclerotic Aneurysm														
4	Inflammatory														
5	Aortic Dissection														
6	Idiopathic Root Dilation														
419	vdinsufa	Section Header: <i>Echo</i> VD-Insuff-Aortic <i>Indicate whether there is evidence of Aortic valve insufficiency/regurgitation. Enter the degree of insufficiency reported closest to incision and no more than 6 months prior to surgery.</i>	radio <table border="1"> <tr><td>0</td><td>None</td></tr> <tr><td>1</td><td>Trivial/Trace</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: all versions	0	None	1	Trivial/Trace	2	Mild	3	Moderate	4	Severe	5	Not documented
0	None														
1	Trivial/Trace														
2	Mild														
3	Moderate														
4	Severe														
5	Not documented														
420	vdaveccjet	VD-Aortic Valve Eccentric Jet <i>Indicate whether aortic valve regurgitation is an eccentric jet.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 1591	1	Yes	2	No	3	Not documented						
1	Yes														
2	No														
3	Not documented														
421	vdaort	VD-Aortic <i>Indicate whether Aortic Valve disease is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
422	vdlvoutob	VD-LV Outflow Tract Obstruction Type(retired v2.73) <i>Indicate type of LV outflow tract obstruction.</i>	dropdown <table border="1"> <tr><td>1</td><td>HOCM (Hypertrophic Cardiomyopathy)</td></tr> <tr><td>2</td><td>Sub-aortic membrane</td></tr> <tr><td>3</td><td>Sub-aortic Tunnel</td></tr> </table> Field Annotation: v2.73	1	HOCM (Hypertrophic Cardiomyopathy)	2	Sub-aortic membrane	3	Sub-aortic Tunnel						
1	HOCM (Hypertrophic Cardiomyopathy)														
2	Sub-aortic membrane														
3	Sub-aortic Tunnel														
423	vdstena	VD-Stenosis-Aortic <i>Indicate whether Aortic Stenosis is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>N/A (retired 2.61)</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	N/A (retired 2.61)						
1	Yes														
2	No														
3	N/A (retired 2.61)														
424	vdaorttumor	VD-Aortic Valve Tumor Type(retired v2.73) <i>Indicate the type of cardiac tumor.</i>	dropdown <table border="1"> <tr><td>1</td><td>Myxoma</td></tr> <tr><td>2</td><td>Papillary fibroelastoma</td></tr> <tr><td>3</td><td>Carcinoid</td></tr> <tr><td>4</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Myxoma	2	Papillary fibroelastoma	3	Carcinoid	4	Other				
1	Myxoma														
2	Papillary fibroelastoma														
3	Carcinoid														
4	Other														

425	aohemodatavail	VD-Aortic Hemodynamic Data Available <i>Indicate whether aortic valve hemodynamic measurements are available.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 1605	1	Yes	2	No
1	Yes						
2	No						
426	vdaova	VD-Smallest Aortic Valve Area <i>Indicate the smallest documented aortic valve area (in cm squared).</i>	text (number, Min: 0.2, Max: 5) Field Annotation: v2.73				
427	vdgrada	VD-Aortic Gradient-Highest Mean <i>Indicate the highest documented MEAN gradient (in mmHg) across the aortic valve.</i>	text (number, Min: 0, Max: 200) Field Annotation: v2.41				
428	vdvmax	VD - Maximum Aortic Jet Velocity (Vmax) <i>Indicate the maximum aortic jet velocity</i>	text (number, Min: 0, Max: 8) Field Annotation: v2.9 SeqNo. 1616				

429	vdaoprimet	<p>VD-Aortic Valve Disease Primary Etiology <i>Indicate the primary etiology of aortic valve disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Bicuspid valve disease</td></tr> <tr><td>2</td><td>Congenital (other than bicuspid)</td></tr> <tr><td>3</td><td>Degenerative- Calcified</td></tr> <tr><td>4</td><td>Degenerative- Leaflet prolapse with or without annular dilatation</td></tr> <tr><td>5</td><td>Degenerative- Pure annular dilatation without leaflet prolapse</td></tr> <tr><td>6</td><td>Degenerative - Commissural Rupture</td></tr> <tr><td>7</td><td>Degenerative - Extensive Fenestration</td></tr> <tr><td>8</td><td>Degenerative - Leaflet perforation / hole</td></tr> <tr><td>9</td><td>Endocarditis with root abscess</td></tr> <tr><td>10</td><td>Endocarditis without root abscess</td></tr> <tr><td>11</td><td>LV Outflow Tract Pathology, HOCM</td></tr> <tr><td>12</td><td>LV Outflow Tract Pathology, Sub-aortic membrane</td></tr> <tr><td>13</td><td>LV Outflow Tract Pathology, Sub-aortic Tunnel</td></tr> <tr><td>14</td><td>LV Outflow Tract Pathology, Other</td></tr> <tr><td>15</td><td>Primary Aortic Disease, Aortic Dissection</td></tr> <tr><td>16</td><td>Primary Aortic Disease, Atherosclerotic Aneurysm</td></tr> <tr><td>17</td><td>Primary Aortic Disease, Ehler- Danlos Syndrome</td></tr> <tr><td>18</td><td>Primary Aortic Disease, Hypertensive Aneurysm</td></tr> <tr><td>19</td><td>Primary Aortic Disease, Idiopathic Root dilatation</td></tr> <tr><td>20</td><td>Primary Aortic Disease, Inflammatory</td></tr> <tr><td>21</td><td>Primary Aortic Disease, Loeys-Dietz Syndrome</td></tr> <tr><td>22</td><td>Primary Aortic Disease, Marfan Syndrome</td></tr> <tr><td>23</td><td>Primary Aortic Disease, Other Connective tissue disorder</td></tr> <tr><td>24</td><td>Reoperation - Failure of previous AV repair or replacement</td></tr> <tr><td>25</td><td>Rheumatic</td></tr> <tr><td>26</td><td>Supravalvular Aortic Stenosis</td></tr> <tr><td>27</td><td>Trauma</td></tr> <tr><td>28</td><td>Tumor, Carcinoid</td></tr> <tr><td>29</td><td>Tumor, Myxoma</td></tr> <tr><td>30</td><td>Tumor, Papillary Fibroelastoma</td></tr> <tr><td>31</td><td>Tumor, Other</td></tr> <tr><td>32</td><td>Mixed Etiology</td></tr> <tr><td>33</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 1646</p>	1	Bicuspid valve disease	2	Congenital (other than bicuspid)	3	Degenerative- Calcified	4	Degenerative- Leaflet prolapse with or without annular dilatation	5	Degenerative- Pure annular dilatation without leaflet prolapse	6	Degenerative - Commissural Rupture	7	Degenerative - Extensive Fenestration	8	Degenerative - Leaflet perforation / hole	9	Endocarditis with root abscess	10	Endocarditis without root abscess	11	LV Outflow Tract Pathology, HOCM	12	LV Outflow Tract Pathology, Sub-aortic membrane	13	LV Outflow Tract Pathology, Sub-aortic Tunnel	14	LV Outflow Tract Pathology, Other	15	Primary Aortic Disease, Aortic Dissection	16	Primary Aortic Disease, Atherosclerotic Aneurysm	17	Primary Aortic Disease, Ehler- Danlos Syndrome	18	Primary Aortic Disease, Hypertensive Aneurysm	19	Primary Aortic Disease, Idiopathic Root dilatation	20	Primary Aortic Disease, Inflammatory	21	Primary Aortic Disease, Loeys-Dietz Syndrome	22	Primary Aortic Disease, Marfan Syndrome	23	Primary Aortic Disease, Other Connective tissue disorder	24	Reoperation - Failure of previous AV repair or replacement	25	Rheumatic	26	Supravalvular Aortic Stenosis	27	Trauma	28	Tumor, Carcinoid	29	Tumor, Myxoma	30	Tumor, Papillary Fibroelastoma	31	Tumor, Other	32	Mixed Etiology	33	Not documented
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430	vdaosievers	<p>VD-Aortic Valve Disease Sievers Class <i>Indicate the documented Sievers class</i></p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>No raphe</td></tr> <tr><td>1</td><td>One raphe</td></tr> <tr><td>2</td><td>Two raphe</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 1647</p>	0	No raphe	1	One raphe	2	Two raphe	4	Not documented																																																										
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431	vdinsufm	VD-Insuff-Mitral <i>Indicate whether there is evidence of Mitral valve insufficiency/regurgitation. Enter the degree of insufficiency reported closest to incision and no more than 6 months prior to surgery.</i>	dropdown <table border="1"> <tr><td>0</td><td>None</td></tr> <tr><td>1</td><td>Trivial/Trace</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: all versions	0	None	1	Trivial/Trace	2	Mild	3	Moderate	4	Severe	5	Not documented
0	None														
1	Trivial/Trace														
2	Mild														
3	Moderate														
4	Severe														
5	Not documented														
432	vdmitpmr	VD-Mitral Papillary Muscle Rupture(retired v2.73) <i>Indicate whether papillary muscle rupture occurred.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
433	vdmveccjet	VD-Mitral Valve Eccentric Jet <i>Indicate whether mitral valve regurgitation is an eccentric jet.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 1681	1	Yes	2	No	3	Not documented						
1	Yes														
2	No														
3	Not documented														
434	vdmitfc	VD-Carpentier Mitral Leaflet Motion Classification(retired v2.81) <i>Indicate the Carpentier mitral leaflet motion classification, if documented.</i>	radio <table border="1"> <tr><td>1</td><td>I</td></tr> <tr><td>2</td><td>II</td></tr> <tr><td>3</td><td>IIIa</td></tr> <tr><td>4</td><td>IIIb</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 1715	1	I	2	II	3	IIIa	4	IIIb	5	Not documented		
1	I														
2	II														
3	IIIa														
4	IIIb														
5	Not documented														
435	vdmit	VD-Mitral <i>Indicate whether Mitral valve disease is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
436	vdstenm	VD-Stenosis-Mitral <i>Indicate whether Mitral Stenosis is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>N/A (retired 2.61)</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	N/A (retired 2.61)						
1	Yes														
2	No														
3	N/A (retired 2.61)														
437	mihemodatavail	VD-Mitral Hemodynamic Data Available <i>Indicate whether mitral valve hemodynamic measurements are available.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1695	1	Yes	2	No								
1	Yes														
2	No														
438	vdmva	VD-Smallest Mitral Valve Area <i>Indicate the smallest documented Mitral Valve Area.</i>	text Field Annotation: v2.73												
439	vdgradm	VD-Mitral Gradient-Highest Mean <i>Indicate the highest documented mean gradient (in mm Hg) across the mitral valve.</i>	text (number, Min: 0, Max: 30) Field Annotation: v2.73												

440	vdmiprimet	<p>VD-Mitral Valve Disease Primary Etiology <i>Indicate the primary etiology of Mitral valve disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Myxomatous degeneration / prolapse</td></tr> <tr><td>2</td><td>Rheumatic</td></tr> <tr><td>3</td><td>Ischemic - acute, post infarction (MI < = 21 days)</td></tr> <tr><td>4</td><td>Ischemic - chronic (MI > 21 days)</td></tr> <tr><td>5</td><td>Non-ischemic Cardiomyopathy</td></tr> <tr><td>6</td><td>Endocarditis</td></tr> <tr><td>7</td><td>Hypertrophic Obstructive Cardiomyopathy (HOCM)</td></tr> <tr><td>8</td><td>Tumor, Carcinoid</td></tr> <tr><td>9</td><td>Tumor, Myxoma</td></tr> <tr><td>10</td><td>Tumor, Papillary fibroelastoma</td></tr> <tr><td>11</td><td>Tumor, Other</td></tr> <tr><td>12</td><td>Carcinoid</td></tr> <tr><td>13</td><td>Trauma</td></tr> <tr><td>14</td><td>Congenital</td></tr> <tr><td>15</td><td>Pure annular dilatation</td></tr> <tr><td>16</td><td>Reoperation - Failure of previous MV repair or replacement</td></tr> <tr><td>17</td><td>Mixed Etiology</td></tr> <tr><td>18</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 1731</p>	1	Myxomatous degeneration / prolapse	2	Rheumatic	3	Ischemic - acute, post infarction (MI < = 21 days)	4	Ischemic - chronic (MI > 21 days)	5	Non-ischemic Cardiomyopathy	6	Endocarditis	7	Hypertrophic Obstructive Cardiomyopathy (HOCM)	8	Tumor, Carcinoid	9	Tumor, Myxoma	10	Tumor, Papillary fibroelastoma	11	Tumor, Other	12	Carcinoid	13	Trauma	14	Congenital	15	Pure annular dilatation	16	Reoperation - Failure of previous MV repair or replacement	17	Mixed Etiology	18	Not documented
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441	vdmiprimles	<p>VD-Mitral Valve Primary Lesion <i>Indicate the primary mitral valve lesion.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Leaflet prolapse, posterior</td></tr> <tr><td>2</td><td>Leaflet prolapse, bileaflet</td></tr> <tr><td>3</td><td>Leaflet prolapse, anterior</td></tr> <tr><td>4</td><td>Leaflet prolapse, unspecified</td></tr> <tr><td>5</td><td>Elongated/ruptured chord(s) / Flail</td></tr> <tr><td>6</td><td>Annular dilatation</td></tr> <tr><td>7</td><td>Leaflet calcification</td></tr> <tr><td>8</td><td>Leaflet perforation / hole</td></tr> <tr><td>9</td><td>Mitral annular calcification</td></tr> <tr><td>10</td><td>Papillary muscle elongation</td></tr> <tr><td>11</td><td>Papillary muscle rupture</td></tr> <tr><td>12</td><td>Leaflet thickening</td></tr> <tr><td>13</td><td>Leaflet retraction</td></tr> <tr><td>14</td><td>Chordal tethering</td></tr> <tr><td>15</td><td>Chordal thickening/retraction/fusion</td></tr> <tr><td>16</td><td>Commissural fusion</td></tr> <tr><td>17</td><td>Mixed lesion</td></tr> <tr><td>18</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 1746</p>	1	Leaflet prolapse, posterior	2	Leaflet prolapse, bileaflet	3	Leaflet prolapse, anterior	4	Leaflet prolapse, unspecified	5	Elongated/ruptured chord(s) / Flail	6	Annular dilatation	7	Leaflet calcification	8	Leaflet perforation / hole	9	Mitral annular calcification	10	Papillary muscle elongation	11	Papillary muscle rupture	12	Leaflet thickening	13	Leaflet retraction	14	Chordal tethering	15	Chordal thickening/retraction/fusion	16	Commissural fusion	17	Mixed lesion	18	Not documented
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442	vdmitet	<p>VD-Mitral Valve Disease Etiology(retired v2.73) <i>Indicate primary etiology of mitral valve disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Annular or Degenerative Disease</td></tr> <tr><td>2</td><td>Endocarditis</td></tr> <tr><td>3</td><td>Rheumatic</td></tr> <tr><td>4</td><td>Ischemic</td></tr> <tr><td>5</td><td>Congenital</td></tr> <tr><td>6</td><td>Hypertrophic Obstructive Cardiomyopathy (HOCM)</td></tr> <tr><td>7</td><td>Tumor</td></tr> <tr><td>8</td><td>Trauma</td></tr> <tr><td>9</td><td>Non-ischemic cardiomyopathy</td></tr> <tr><td>10</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Annular or Degenerative Disease	2	Endocarditis	3	Rheumatic	4	Ischemic	5	Congenital	6	Hypertrophic Obstructive Cardiomyopathy (HOCM)	7	Tumor	8	Trauma	9	Non-ischemic cardiomyopathy	10	Other
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443	vdinsuft	<p>VD-Insuff-Tricuspid <i>Indicate whether there is evidence of Tricuspid valve insufficiency/regurgitation. Enter the degree of insufficiency reported closest to incision and no more than 6 months prior to surgery.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>None</td></tr> <tr><td>1</td><td>Trivial/Trace</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> <p>Field Annotation: all versions</p>	0	None	1	Trivial/Trace	2	Mild	3	Moderate	4	Severe	5	Not documented								
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444	vdmitdegloc	<p>VD-Mitral Valve Disease Degenerative Location(retired v2.73) <i>Indicate the location of the degenerative mitral disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Posterior Leaflet</td></tr> <tr><td>2</td><td>Anterior Leaflet</td></tr> <tr><td>3</td><td>Bileaflet</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Posterior Leaflet	2	Anterior Leaflet	3	Bileaflet														
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445	vdtranmeas	<p>VD-Tricuspid Annular Measurement Available <i>Indicate whether a tricuspid annular diameter measurement is available.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1777</p>	1	Yes	2	No																
1	Yes																						
2	No																						
446	vdmitandegdis	<p>VD-Mitral Annular Disease Type(retired v2.73) <i>Indicate the type of mitral valve annular disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Pure Annular Dilatation</td></tr> <tr><td>2</td><td>Mitral Annular Calcification</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Pure Annular Dilatation	2	Mitral Annular Calcification																
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447	vdtrannsize	<p>VD-Tricuspid Annulus Size (Diameter) <i>Indicate tricuspid annular diameter in cm.</i></p>	<p>text (number, Min: 1.5, Max: 10) Field Annotation: v2.81 SeqNo. 1778</p>																				
448	vdmitisty	<p>VD-Mitral Valve Disease Ischemic Type(retired v2.73) <i>Indicate type of ischemic mitral disease.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Acute</td></tr> <tr><td>2</td><td>Chronic</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Acute	2	Chronic																
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2	Chronic																						
449	vdtr	<p>VD-Tricuspid <i>Indicate whether Tricuspid Valve disease is present.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																
1	Yes																						
2	No																						

450	vdmittumor	VD-Mitral Valve Tumor Type(retired v2.73) <i>Indicate the type of cardiac tumor.</i>	dropdown <table border="1"> <tr><td>1</td><td>Myxoma</td></tr> <tr><td>2</td><td>Papillary fibroelastoma</td></tr> <tr><td>3</td><td>Carcinoid</td></tr> <tr><td>4</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Myxoma	2	Papillary fibroelastoma	3	Carcinoid	4	Other																
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451	vdstent	VD-Stenosis-Tricuspid <i>Indicate whether Tricuspid Stenosis is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>N/A (retired 2.61)</td></tr> </table> Field Annotation: all versions	1	Yes	2	No	3	N/A (retired 2.61)																		
1	Yes																										
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452	vdtrprimet	VD-Tricuspid Valve Disease Primary Etiology <i>Indicate the primary etiology of tricuspid valve disease.</i>	dropdown <table border="1"> <tr><td>1</td><td>Functional / secondary</td></tr> <tr><td>2</td><td>Endocarditis</td></tr> <tr><td>3</td><td>Carcinoid</td></tr> <tr><td>4</td><td>Congenital</td></tr> <tr><td>5</td><td>Degenerative</td></tr> <tr><td>6</td><td>Pacing wire/catheter induced dysfunction</td></tr> <tr><td>7</td><td>Rheumatic</td></tr> <tr><td>8</td><td>Tumor</td></tr> <tr><td>9</td><td>Trauma</td></tr> <tr><td>10</td><td>Reoperation - Failure of previous TV repair or replacement</td></tr> <tr><td>11</td><td>Mixed Etiology</td></tr> <tr><td>12</td><td>Not Documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 1811	1	Functional / secondary	2	Endocarditis	3	Carcinoid	4	Congenital	5	Degenerative	6	Pacing wire/catheter induced dysfunction	7	Rheumatic	8	Tumor	9	Trauma	10	Reoperation - Failure of previous TV repair or replacement	11	Mixed Etiology	12	Not Documented
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453	vdinsufp	VD-Insuff-Pulmonic <i>Indicate whether there is evidence of Pulmonic valve insufficiency/regurgitation. Enter the degree of insufficiency reported closest to incision and no more than 6 months prior to surgery.</i>	dropdown <table border="1"> <tr><td>0</td><td>None</td></tr> <tr><td>1</td><td>Trivial/Trace</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: all versions	0	None	1	Trivial/Trace	2	Mild	3	Moderate	4	Severe	5	Not documented												
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1	Trivial/Trace																										
2	Mild																										
3	Moderate																										
4	Severe																										
5	Not documented																										
454	vdpulm	VD-Pulmonic <i>Indicate whether Pulmonic Valve disease is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No																				
1	Yes																										
2	No																										
455	rveddknown	VD-Pulmonic-RVEDD Known <i>Indicate whether the Right Ventricular End-Diastolic Dimension (RVEDD) is available.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1830	1	Yes	2	No																				
1	Yes																										
2	No																										
456	rvedd	VD-Pulmonic-RVEDD Indexed To BSA <i>Indicate (in cm squared) the RVEDD indexed to BSA.</i>	text (number, Min: 0.5, Max: 5) Field Annotation: v2.81 SeqNo. 1835																								

457	vdstemp	VD-Stenosis-Pulmonic <i>Indicate whether Pulmonic Stenosis is present.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>N/A (retired 2.61)</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No	3	N/A (retired 2.61)												
1	Yes																				
2	No																				
3	N/A (retired 2.61)																				
458	puhemodatavail	VD-Pulmonic Hemodynamic Data Available <i>Indicate whether pulmonary valve gradient is available.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1845	1	Yes	2	No														
1	Yes																				
2	No																				
459	vdgradp	VD-Pulmonic Gradient-Highest Mean <i>Indicate highest mean PV gradient documented prior to incision.</i>	text (number, Min: 0, Max: 200) Field Annotation: v2.81 SeqNo. 1850																		
460	vdttret	VD-Tricuspid Etiology(retired v2.73) <i>Indicate primary etiology of tricuspid valve disease.</i>	dropdown <table border="1"> <tr><td>1</td><td>Functional</td></tr> <tr><td>2</td><td>Endocarditis</td></tr> <tr><td>3</td><td>Congenital</td></tr> <tr><td>4</td><td>Tumor</td></tr> <tr><td>5</td><td>Trauma</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Functional	2	Endocarditis	3	Congenital	4	Tumor	5	Trauma	6	Other						
1	Functional																				
2	Endocarditis																				
3	Congenital																				
4	Tumor																				
5	Trauma																				
6	Other																				
461	vdpuet	VD-Pulmonic Valve Disease Etiology <i>Indicate the etiology of pulmonary valve disease if known. Prior Pulmonic option removed after 2.81, new option Reop added 2.9</i>	dropdown <table border="1"> <tr><td>1</td><td>Acquired</td></tr> <tr><td>2</td><td>Congenital, s/p Tetralogy of Fallot (TOF) repair</td></tr> <tr><td>3</td><td>Congenital, no prior Tetralogy of Fallot (TOF) repair</td></tr> <tr><td>4</td><td>Prior Pulmonic Valve Intervention, Etiology Unknown</td></tr> <tr><td>7</td><td>Reoperation - Failure of previous PV repair or replacement</td></tr> <tr><td>8</td><td>Mixed Etiology</td></tr> <tr><td>9</td><td>Not Documented</td></tr> <tr><td>5</td><td>Other</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 1855	1	Acquired	2	Congenital, s/p Tetralogy of Fallot (TOF) repair	3	Congenital, no prior Tetralogy of Fallot (TOF) repair	4	Prior Pulmonic Valve Intervention, Etiology Unknown	7	Reoperation - Failure of previous PV repair or replacement	8	Mixed Etiology	9	Not Documented	5	Other	6	Unknown
1	Acquired																				
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3	Congenital, no prior Tetralogy of Fallot (TOF) repair																				
4	Prior Pulmonic Valve Intervention, Etiology Unknown																				
7	Reoperation - Failure of previous PV repair or replacement																				
8	Mixed Etiology																				
9	Not Documented																				
5	Other																				
6	Unknown																				
462	adpres	Disease Of The Aorta - Presentation (retired v2.81) <i>Indicate the patient's aortic disease presentation.</i>	radio <table border="1"> <tr><td>1</td><td>Asymptomatic</td></tr> <tr><td>2</td><td>Symptomatic, hemodynamics stable</td></tr> <tr><td>3</td><td>Symptomatic, hemodynamics unstable</td></tr> </table> Field Annotation: v2.81 SeqNo. 1865	1	Asymptomatic	2	Symptomatic, hemodynamics stable	3	Symptomatic, hemodynamics unstable												
1	Asymptomatic																				
2	Symptomatic, hemodynamics stable																				
3	Symptomatic, hemodynamics unstable																				
463	adlocroot	Disease Of The Aorta - Location - Root(retired v2.81) <i>Indicate whether the aortic disease/lesion is present in the aortic root.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1870	1	Yes	2	No														
1	Yes																				
2	No																				
464	adlocasc	Disease Of The Aorta - Location - Ascending(retired v2.81) <i>Indicate whether the aortic disease/lesion is present in the ascending aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1875	1	Yes	2	No														
1	Yes																				
2	No																				

465	adlocarch	Disease Of The Aorta - Location - Arch(retired v2.81) <i>Indicate whether the aortic disease/lesion is present in the aortic arch.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1880	1	Yes	2	No
1	Yes						
2	No						
466	adlocdesthor	Disease Of The Aorta - Location - Descending Thoracic(retired v2.81) <i>Indicate whether the aortic disease/lesion is present in the descending aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1885	1	Yes	2	No
1	Yes						
2	No						
467	adlocthora	Disease Of The Aorta - Location - Thoracoabdominal(retired v2.81) <i>Indicate whether the aortic disease/lesion is present in the thoracoabdominal aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1890	1	Yes	2	No
1	Yes						
2	No						
468	adlestaneur	Disease Of The Aorta - Lesion Type - Aneurysm(retired v2.81) <i>Indicate whether the aortic lesion is an aneurysm.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1895	1	Yes	2	No
1	Yes						
2	No						
469	adlestcoarcnar	Disease Of The Aorta - Lesion Type - Coarctation/Narrowing(retired v2.81) <i>Indicate whether the aortic lesion is a coarctation or narrowing.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1900	1	Yes	2	No
1	Yes						
2	No						
470	adlestrup	Disease Of The Aorta - Lesion Type - Rupture(retired v2.81) <i>Indicate whether the aortic lesion is an aortic rupture.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1905	1	Yes	2	No
1	Yes						
2	No						
471	adlestpseudo	Disease Of The Aorta - Lesion Type - Pseudoaneurysm(retired v2.81) <i>Indicate whether the aortic lesion is a pseudoaneurysm.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1910	1	Yes	2	No
1	Yes						
2	No						
472	adlestpenulcer	Disease Of The Aorta - Lesion Type - Penetrating Ulcer(retired v2.81) <i>Indicate whether the aortic lesion is a penetrating ulcer.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1915	1	Yes	2	No
1	Yes						
2	No						
473	adlestintrahema	Disease Of The Aorta - Lesion Type - Intramural Hematoma(retired v2.81) <i>Indicate whether the aortic lesion is an intramural hematoma.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1920	1	Yes	2	No
1	Yes						
2	No						
474	adlestdis	Disease Of The Aorta - Lesion Type - Dissection(retired v2.81) <i>Indicate whether the aortic lesion is a dissection.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 1925	1	Yes	2	No
1	Yes						
2	No						

475	adlestdistmg	Disease Of The Aorta - Lesion Type - Dissection Timing(retired v2.81) <i>Indicate dissection timing.</i>	radio <table border="1"> <tr><td>1</td><td>Acute</td></tr> <tr><td>2</td><td>Chronic</td></tr> <tr><td>3</td><td>Acute on chronic</td></tr> <tr><td>4</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1930</p>	1	Acute	2	Chronic	3	Acute on chronic	4	Not documented																				
1	Acute																														
2	Chronic																														
3	Acute on chronic																														
4	Not documented																														
476	adlestdisty	Disease Of The Aorta - Lesion Type - Dissection Type(retired v2.81) <i>Indicate the type of aortic dissection.</i>	radio <table border="1"> <tr><td>1</td><td>Stanford Type A</td></tr> <tr><td>2</td><td>Stanford Type B</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1935</p>	1	Stanford Type A	2	Stanford Type B																								
1	Stanford Type A																														
2	Stanford Type B																														
477	adet1	Aorta Etiology 1(retired v2.81) <i>Indicate the etiology of aortic disease/lesion if known.</i>	dropdown <table border="1"> <tr><td>1</td><td>Unknown</td></tr> <tr><td>3</td><td>Aberrant Subclavian artery</td></tr> <tr><td>4</td><td>Atherosclerosis</td></tr> <tr><td>5</td><td>Bicuspid aortic valve syndrome</td></tr> <tr><td>6</td><td>Ehler-Danlos syndrome</td></tr> <tr><td>7</td><td>Endocarditis</td></tr> <tr><td>8</td><td>Hypertensive aneurysm</td></tr> <tr><td>9</td><td>Inflammatory</td></tr> <tr><td>10</td><td>Loeys-Dietz Syndrome</td></tr> <tr><td>11</td><td>Marfan Syndrome</td></tr> <tr><td>12</td><td>Trauma</td></tr> <tr><td>13</td><td>Other Congenital Disorder</td></tr> <tr><td>14</td><td>Other Connective Tissue Disorder</td></tr> <tr><td>15</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1940</p>	1	Unknown	3	Aberrant Subclavian artery	4	Atherosclerosis	5	Bicuspid aortic valve syndrome	6	Ehler-Danlos syndrome	7	Endocarditis	8	Hypertensive aneurysm	9	Inflammatory	10	Loeys-Dietz Syndrome	11	Marfan Syndrome	12	Trauma	13	Other Congenital Disorder	14	Other Connective Tissue Disorder	15	Other
1	Unknown																														
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11	Marfan Syndrome																														
12	Trauma																														
13	Other Congenital Disorder																														
14	Other Connective Tissue Disorder																														
15	Other																														
478	adet2	Aorta Etiology 2(retired v2.81) <i>Indicate additional etiology of aortic disease/lesion if any, otherwise choose no additional etiology.</i>	dropdown <table border="1"> <tr><td>2</td><td>No additional etiologies</td></tr> <tr><td>3</td><td>Aberrant Subclavian artery</td></tr> <tr><td>4</td><td>Atherosclerosis</td></tr> <tr><td>5</td><td>Bicuspid aortic valve syndrome</td></tr> <tr><td>6</td><td>Ehler-Danlos syndrome</td></tr> <tr><td>7</td><td>Endocarditis</td></tr> <tr><td>8</td><td>Hypertensive aneurysm</td></tr> <tr><td>9</td><td>Inflammatory</td></tr> <tr><td>10</td><td>Loeys-Dietz Syndrome</td></tr> <tr><td>11</td><td>Marfan Syndrome</td></tr> <tr><td>12</td><td>Trauma</td></tr> <tr><td>13</td><td>Other Congenital Disorder</td></tr> <tr><td>14</td><td>Other Connective Tissue Disorder</td></tr> <tr><td>15</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1945</p>	2	No additional etiologies	3	Aberrant Subclavian artery	4	Atherosclerosis	5	Bicuspid aortic valve syndrome	6	Ehler-Danlos syndrome	7	Endocarditis	8	Hypertensive aneurysm	9	Inflammatory	10	Loeys-Dietz Syndrome	11	Marfan Syndrome	12	Trauma	13	Other Congenital Disorder	14	Other Connective Tissue Disorder	15	Other
2	No additional etiologies																														
3	Aberrant Subclavian artery																														
4	Atherosclerosis																														
5	Bicuspid aortic valve syndrome																														
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10	Loeys-Dietz Syndrome																														
11	Marfan Syndrome																														
12	Trauma																														
13	Other Congenital Disorder																														
14	Other Connective Tissue Disorder																														
15	Other																														

479	adet3	Aorta Etiology 3(retired v2.81) <i>Indicate additional etiology of aortic disease/lesion if any, otherwise choose no additional etiology.</i>	<table border="1"> <tr><td colspan="2">dropdown</td></tr> <tr><td>2</td><td>No additional etiologies</td></tr> <tr><td>3</td><td>Aberrant Subclavian artery</td></tr> <tr><td>4</td><td>Atherosclerosis</td></tr> <tr><td>5</td><td>Bicuspid aortic valve syndrome</td></tr> <tr><td>6</td><td>Ehler-Danlos syndrome</td></tr> <tr><td>7</td><td>Endocarditis</td></tr> <tr><td>8</td><td>Hypertensive aneurysm</td></tr> <tr><td>9</td><td>Inflammatory</td></tr> <tr><td>10</td><td>Loeys-Dietz Syndrome</td></tr> <tr><td>11</td><td>Marfan Syndrome</td></tr> <tr><td>12</td><td>Trauma</td></tr> <tr><td>13</td><td>Other Congenital Disorder</td></tr> <tr><td>14</td><td>Other Connective Tissue Disorder</td></tr> <tr><td>15</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1950</p>	dropdown		2	No additional etiologies	3	Aberrant Subclavian artery	4	Atherosclerosis	5	Bicuspid aortic valve syndrome	6	Ehler-Danlos syndrome	7	Endocarditis	8	Hypertensive aneurysm	9	Inflammatory	10	Loeys-Dietz Syndrome	11	Marfan Syndrome	12	Trauma	13	Other Congenital Disorder	14	Other Connective Tissue Disorder	15	Other
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11	Marfan Syndrome																																
12	Trauma																																
13	Other Congenital Disorder																																
14	Other Connective Tissue Disorder																																
15	Other																																
480	aortadisease	Disease Of The Aorta(retired v2.81) <i>Indicate whether there is a documented disease or lesion of the aorta above the diaphragm.</i>	<table border="1"> <tr><td colspan="2">radio</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1860</p>	radio		1	Yes	2	No																								
radio																																	
1	Yes																																
2	No																																
481	riskischemia	Risk / Extent Of Ischemia(retired v2.81) <i>Indicate the risk of ischemia documented on a stress test prior to this surgery.</i>	<table border="1"> <tr><td colspan="2">radio</td></tr> <tr><td>1</td><td>Low Risk</td></tr> <tr><td>2</td><td>intermediate Risk</td></tr> <tr><td>3</td><td>High Risk</td></tr> <tr><td>4</td><td>Unavailable</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1535</p>	radio		1	Low Risk	2	intermediate Risk	3	High Risk	4	Unavailable																				
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1	Low Risk																																
2	intermediate Risk																																
3	High Risk																																
4	Unavailable																																

482	vdaoet1	<p>VD-Aortic Valve Disease Etiology 1(retired v2.81)</p> <p><i>Indicate etiology of aortic valve disease if known. Choose unknown if not documented.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Unknown</td></tr> <tr><td>3</td><td>Bicuspid valve disease</td></tr> <tr><td>4</td><td>Congenital (other than bicuspid)</td></tr> <tr><td>5</td><td>Degenerative- Calcified</td></tr> <tr><td>6</td><td>Degenerative- Leaflet prolapse with or without annular dilation</td></tr> <tr><td>7</td><td>Degenerative- Pure annular dilation without leaflet prolapse</td></tr> <tr><td>8</td><td>Endocarditis with root abscess</td></tr> <tr><td>9</td><td>Endocarditis without root abscess</td></tr> <tr><td>10</td><td>LV Outflow Tract Pathology, HOCM</td></tr> <tr><td>11</td><td>LV Outflow Tract Pathology, Sub-aortic membrane</td></tr> <tr><td>12</td><td>LV Outflow Tract Pathology, Sub-aortic Tunnel</td></tr> <tr><td>13</td><td>LV Outflow Tract Pathology, Other</td></tr> <tr><td>14</td><td>Primary Aortic Disease, Aortic Dissection</td></tr> <tr><td>15</td><td>Primary Aortic Disease, Atherosclerotic Aneurysm</td></tr> <tr><td>16</td><td>Primary Aortic Disease, Ehler- Danlos Syndrome</td></tr> <tr><td>17</td><td>Primary Aortic Disease, Hypertensive Aneurysm</td></tr> <tr><td>18</td><td>Primary Aortic Disease, Idiopathic Root Dilation</td></tr> <tr><td>19</td><td>Primary Aortic Disease, Inflammatory</td></tr> <tr><td>20</td><td>Primary Aortic Disease, Loeyes-Dietz Syndrome</td></tr> <tr><td>21</td><td>Primary Aortic Disease, Marfan Syndrome</td></tr> <tr><td>22</td><td>Primary Aortic Disease, Other Connective tissue disorder</td></tr> <tr><td>23</td><td>Prior Aortic Intervention, Etiology Unknown</td></tr> <tr><td>24</td><td>Rheumatic</td></tr> <tr><td>25</td><td>Supravalvular Aortic Stenosis</td></tr> <tr><td>26</td><td>Trauma</td></tr> <tr><td>27</td><td>Tumor, Carcinoid</td></tr> <tr><td>28</td><td>Tumor, Myxoma</td></tr> <tr><td>29</td><td>Tumor, Papillary Fibroelastoma</td></tr> <tr><td>30</td><td>Tumor, Other</td></tr> <tr><td>31</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1625</p>	1	Unknown	3	Bicuspid valve disease	4	Congenital (other than bicuspid)	5	Degenerative- Calcified	6	Degenerative- Leaflet prolapse with or without annular dilation	7	Degenerative- Pure annular dilation without leaflet prolapse	8	Endocarditis with root abscess	9	Endocarditis without root abscess	10	LV Outflow Tract Pathology, HOCM	11	LV Outflow Tract Pathology, Sub-aortic membrane	12	LV Outflow Tract Pathology, Sub-aortic Tunnel	13	LV Outflow Tract Pathology, Other	14	Primary Aortic Disease, Aortic Dissection	15	Primary Aortic Disease, Atherosclerotic Aneurysm	16	Primary Aortic Disease, Ehler- Danlos Syndrome	17	Primary Aortic Disease, Hypertensive Aneurysm	18	Primary Aortic Disease, Idiopathic Root Dilation	19	Primary Aortic Disease, Inflammatory	20	Primary Aortic Disease, Loeyes-Dietz Syndrome	21	Primary Aortic Disease, Marfan Syndrome	22	Primary Aortic Disease, Other Connective tissue disorder	23	Prior Aortic Intervention, Etiology Unknown	24	Rheumatic	25	Supravalvular Aortic Stenosis	26	Trauma	27	Tumor, Carcinoid	28	Tumor, Myxoma	29	Tumor, Papillary Fibroelastoma	30	Tumor, Other	31	Other
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488	vdmiet2	<p>VD-Mitral Valve Disease Etiology 2 (retired v2.81) <i>Indicate additional etiology of mitral valve disease if any, otherwise choose no additional etiology.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional etiology</td></tr> <tr><td>3</td><td>Degenerative</td></tr> <tr><td>4</td><td>Rheumatic</td></tr> <tr><td>5</td><td>Ischemic - acute, post infarction</td></tr> <tr><td>6</td><td>Ischemic - chronic</td></tr> <tr><td>7</td><td>Non-ischemic Cardiomyopathy</td></tr> <tr><td>8</td><td>Endocarditis</td></tr> <tr><td>9</td><td>Hypertrophic Obstructive Cardiomyopathy (HOCM)</td></tr> <tr><td>10</td><td>Tumor, Carcinoid</td></tr> <tr><td>11</td><td>Tumor, Myxoma</td></tr> <tr><td>12</td><td>Tumor, Papillary fibroelastoma</td></tr> <tr><td>13</td><td>Tumor, Other</td></tr> <tr><td>14</td><td>Carcinoid</td></tr> <tr><td>15</td><td>Trauma</td></tr> <tr><td>16</td><td>Congenital</td></tr> <tr><td>17</td><td>Prior Mitral Valve Intervention, Etiology Unknown</td></tr> <tr><td>18</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1725</p>	2	No additional etiology	3	Degenerative	4	Rheumatic	5	Ischemic - acute, post infarction	6	Ischemic - chronic	7	Non-ischemic Cardiomyopathy	8	Endocarditis	9	Hypertrophic Obstructive Cardiomyopathy (HOCM)	10	Tumor, Carcinoid	11	Tumor, Myxoma	12	Tumor, Papillary fibroelastoma	13	Tumor, Other	14	Carcinoid	15	Trauma	16	Congenital	17	Prior Mitral Valve Intervention, Etiology Unknown	18	Other
2	No additional etiology																																				
3	Degenerative																																				
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15	Trauma																																				
16	Congenital																																				
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18	Other																																				

489	vdmiet3	<p>VD-Mitral Valve Disease Etiology 3(retired v2.81) <i>Indicate additional etiology of mitral valve disease if any, otherwise choose no additional etiology.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional etiology</td></tr> <tr><td>3</td><td>Degenerative</td></tr> <tr><td>4</td><td>Rheumatic</td></tr> <tr><td>5</td><td>Ischemic - acute, post infarction</td></tr> <tr><td>6</td><td>Ischemic - chronic</td></tr> <tr><td>7</td><td>Non-ischemic Cardiomyopathy</td></tr> <tr><td>8</td><td>Endocarditis</td></tr> <tr><td>9</td><td>Hypertrophic Obstructive Cardiomyopathy (HOCM)</td></tr> <tr><td>10</td><td>Tumor, Carcinoid</td></tr> <tr><td>11</td><td>Tumor, Myxoma</td></tr> <tr><td>12</td><td>Tumor, Papillary fibroelastoma</td></tr> <tr><td>13</td><td>Tumor, Other</td></tr> <tr><td>14</td><td>Carcinoid</td></tr> <tr><td>15</td><td>Trauma</td></tr> <tr><td>16</td><td>Congenital</td></tr> <tr><td>17</td><td>Prior Mitral Valve Intervention, Etiology Unknown</td></tr> <tr><td>18</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1730</p>	2	No additional etiology	3	Degenerative	4	Rheumatic	5	Ischemic - acute, post infarction	6	Ischemic - chronic	7	Non-ischemic Cardiomyopathy	8	Endocarditis	9	Hypertrophic Obstructive Cardiomyopathy (HOCM)	10	Tumor, Carcinoid	11	Tumor, Myxoma	12	Tumor, Papillary fibroelastoma	13	Tumor, Other	14	Carcinoid	15	Trauma	16	Congenital	17	Prior Mitral Valve Intervention, Etiology Unknown	18	Other		
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16	Congenital																																						
17	Prior Mitral Valve Intervention, Etiology Unknown																																						
18	Other																																						
490	vdmiles1	<p>VD-Mitral Valve Lesion 1(retired v2.81) <i>Indicate the first mitral valve lesion type or choose unknown.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Unknown</td></tr> <tr><td>3</td><td>Leaflet prolapse, posterior</td></tr> <tr><td>4</td><td>Leaflet prolapse, bileaflet</td></tr> <tr><td>5</td><td>Leaflet prolapse, anterior</td></tr> <tr><td>17</td><td>Leaflet perforation / hole</td></tr> <tr><td>6</td><td>Elongated/ruptured chord(s)</td></tr> <tr><td>7</td><td>Annular dilatation</td></tr> <tr><td>8</td><td>Leaflet calcification</td></tr> <tr><td>9</td><td>Mitral annular calcification</td></tr> <tr><td>10</td><td>Papillary muscle elongation</td></tr> <tr><td>11</td><td>Papillary muscle rupture</td></tr> <tr><td>12</td><td>Leaflet thickening/retraction</td></tr> <tr><td>19</td><td>Leaflet retraction</td></tr> <tr><td>18</td><td>Leaflet thickening</td></tr> <tr><td>13</td><td>Chordal tethering</td></tr> <tr><td>14</td><td>Chordal thickening/retraction/fusion</td></tr> <tr><td>15</td><td>Commissural fusion</td></tr> <tr><td>16</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1735</p>	1	Unknown	3	Leaflet prolapse, posterior	4	Leaflet prolapse, bileaflet	5	Leaflet prolapse, anterior	17	Leaflet perforation / hole	6	Elongated/ruptured chord(s)	7	Annular dilatation	8	Leaflet calcification	9	Mitral annular calcification	10	Papillary muscle elongation	11	Papillary muscle rupture	12	Leaflet thickening/retraction	19	Leaflet retraction	18	Leaflet thickening	13	Chordal tethering	14	Chordal thickening/retraction/fusion	15	Commissural fusion	16	Other
1	Unknown																																						
3	Leaflet prolapse, posterior																																						
4	Leaflet prolapse, bileaflet																																						
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14	Chordal thickening/retraction/fusion																																						
15	Commissural fusion																																						
16	Other																																						

491	vdmiles2	<p>VD-Mitral Valve Lesion 2(retired v2.81) <i>Indicate the second mitral valve lesion if there is one, or choose no additional lesions.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional lesions</td></tr> <tr><td>3</td><td>Leaflet prolapse, posterior</td></tr> <tr><td>4</td><td>Leaflet prolapse, bileaflet</td></tr> <tr><td>5</td><td>Leaflet prolapse, anterior</td></tr> <tr><td>17</td><td>Leaflet perforation / hole</td></tr> <tr><td>6</td><td>Elongated/ruptured chord(s)</td></tr> <tr><td>7</td><td>Annular dilatation</td></tr> <tr><td>8</td><td>Leaflet calcification</td></tr> <tr><td>9</td><td>Mitral annular calcification</td></tr> <tr><td>10</td><td>Papillary muscle elongation</td></tr> <tr><td>11</td><td>Papillary muscle rupture</td></tr> <tr><td>12</td><td>Leaflet thickening/retraction</td></tr> <tr><td>19</td><td>Leaflet retraction</td></tr> <tr><td>18</td><td>Leaflet thickening</td></tr> <tr><td>13</td><td>Chordal tethering</td></tr> <tr><td>14</td><td>Chordal thickening/retraction/fusion</td></tr> <tr><td>15</td><td>Commissural fusion</td></tr> <tr><td>16</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1740</p>	2	No additional lesions	3	Leaflet prolapse, posterior	4	Leaflet prolapse, bileaflet	5	Leaflet prolapse, anterior	17	Leaflet perforation / hole	6	Elongated/ruptured chord(s)	7	Annular dilatation	8	Leaflet calcification	9	Mitral annular calcification	10	Papillary muscle elongation	11	Papillary muscle rupture	12	Leaflet thickening/retraction	19	Leaflet retraction	18	Leaflet thickening	13	Chordal tethering	14	Chordal thickening/retraction/fusion	15	Commissural fusion	16	Other
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14	Chordal thickening/retraction/fusion																																						
15	Commissural fusion																																						
16	Other																																						
492	vdmiles3	<p>VD-Mitral Valve Lesion 3(retired v2.81) <i>Indicate the third mitral valve lesion if there is one, or choose no additional lesions.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional lesions</td></tr> <tr><td>3</td><td>Leaflet prolapse, posterior</td></tr> <tr><td>4</td><td>Leaflet prolapse, bileaflet</td></tr> <tr><td>5</td><td>Leaflet prolapse, anterior</td></tr> <tr><td>17</td><td>Leaflet perforation / hole</td></tr> <tr><td>6</td><td>Elongated/ruptured chord(s)</td></tr> <tr><td>7</td><td>Annular dilatation</td></tr> <tr><td>8</td><td>Leaflet calcification</td></tr> <tr><td>9</td><td>Mitral annular calcification</td></tr> <tr><td>10</td><td>Papillary muscle elongation</td></tr> <tr><td>11</td><td>Papillary muscle rupture</td></tr> <tr><td>19</td><td>Leaflet retraction</td></tr> <tr><td>12</td><td>Leaflet thickening/retraction</td></tr> <tr><td>18</td><td>Leaflet thickening</td></tr> <tr><td>13</td><td>Chordal tethering</td></tr> <tr><td>14</td><td>Chordal thickening/retraction/fusion</td></tr> <tr><td>15</td><td>Commissural fusion</td></tr> <tr><td>16</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1745</p>	2	No additional lesions	3	Leaflet prolapse, posterior	4	Leaflet prolapse, bileaflet	5	Leaflet prolapse, anterior	17	Leaflet perforation / hole	6	Elongated/ruptured chord(s)	7	Annular dilatation	8	Leaflet calcification	9	Mitral annular calcification	10	Papillary muscle elongation	11	Papillary muscle rupture	19	Leaflet retraction	12	Leaflet thickening/retraction	18	Leaflet thickening	13	Chordal tethering	14	Chordal thickening/retraction/fusion	15	Commissural fusion	16	Other
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14	Chordal thickening/retraction/fusion																																						
15	Commissural fusion																																						
16	Other																																						

493	vdtret1	<p>VD-Tricuspid Valve Disease Etiology 1(retired v2.81)</p> <p><i>Indicate the etiology of the tricuspid valve disease if known.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Unknown</td></tr> <tr><td>3</td><td>Functional</td></tr> <tr><td>4</td><td>Endocarditis</td></tr> <tr><td>5</td><td>Carcinoid</td></tr> <tr><td>6</td><td>Congenital</td></tr> <tr><td>7</td><td>Degenerative</td></tr> <tr><td>8</td><td>Pacing wire/catheter induced dysfunction</td></tr> <tr><td>9</td><td>Rheumatic</td></tr> <tr><td>10</td><td>Tumor</td></tr> <tr><td>11</td><td>Trauma</td></tr> <tr><td>12</td><td>Prior Tricuspid Valve Intervention, Etiology Unknown</td></tr> <tr><td>13</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1800</p>	1	Unknown	3	Functional	4	Endocarditis	5	Carcinoid	6	Congenital	7	Degenerative	8	Pacing wire/catheter induced dysfunction	9	Rheumatic	10	Tumor	11	Trauma	12	Prior Tricuspid Valve Intervention, Etiology Unknown	13	Other
1	Unknown																										
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11	Trauma																										
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13	Other																										
494	vdtret2	<p>VD-Tricuspid Valve Disease Etiology 2(retired v2.81)</p> <p><i>Indicate additional etiology of tricuspid valve disease if any, otherwise choose no additional etiology.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional etiology</td></tr> <tr><td>3</td><td>Functional</td></tr> <tr><td>4</td><td>Endocarditis</td></tr> <tr><td>5</td><td>Carcinoid</td></tr> <tr><td>6</td><td>Congenital</td></tr> <tr><td>7</td><td>Degenerative</td></tr> <tr><td>8</td><td>Pacing wire/catheter induced dysfunction</td></tr> <tr><td>9</td><td>Rheumatic</td></tr> <tr><td>10</td><td>Tumor</td></tr> <tr><td>11</td><td>Trauma</td></tr> <tr><td>12</td><td>Prior Tricuspid Valve Intervention, Etiology Unknown</td></tr> <tr><td>13</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1805</p>	2	No additional etiology	3	Functional	4	Endocarditis	5	Carcinoid	6	Congenital	7	Degenerative	8	Pacing wire/catheter induced dysfunction	9	Rheumatic	10	Tumor	11	Trauma	12	Prior Tricuspid Valve Intervention, Etiology Unknown	13	Other
2	No additional etiology																										
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11	Trauma																										
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13	Other																										
495	vdtret3	<p>VD-Tricuspid Valve Disease Etiology 3(retired v2.81)</p> <p><i>Indicate additional etiology of tricuspid valve disease if any, otherwise choose no additional etiology.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>2</td><td>No additional etiology</td></tr> <tr><td>3</td><td>Functional</td></tr> <tr><td>4</td><td>Endocarditis</td></tr> <tr><td>5</td><td>Carcinoid</td></tr> <tr><td>6</td><td>Congenital</td></tr> <tr><td>7</td><td>Degenerative</td></tr> <tr><td>8</td><td>Pacing wire/catheter induced dysfunction</td></tr> <tr><td>9</td><td>Rheumatic</td></tr> <tr><td>10</td><td>Tumor</td></tr> <tr><td>11</td><td>Trauma</td></tr> <tr><td>12</td><td>Prior Tricuspid Valve Intervention, Etiology Unknown</td></tr> <tr><td>13</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 1810</p>	2	No additional etiology	3	Functional	4	Endocarditis	5	Carcinoid	6	Congenital	7	Degenerative	8	Pacing wire/catheter induced dysfunction	9	Rheumatic	10	Tumor	11	Trauma	12	Prior Tricuspid Valve Intervention, Etiology Unknown	13	Other
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10	Tumor																										
11	Trauma																										
12	Prior Tricuspid Valve Intervention, Etiology Unknown																										
13	Other																										

496	hemodynamics_cath_echo_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Operative (operative)			^ Collapse												
497	surgeon	Surgeon <i>Indicate the name of the surgeon responsible for the patient's care. This field must have controlled data entry where a user selects the surgeon name from a user list. This will remove variation in spelling, abbreviations and punctuation within the field.</i>	text Field Annotation: v2.73												
498	surgnpi	Surgeon's National Provider Identifier <i>Indicate the individual-level National Provider Identifier of the surgeon performing the procedure.</i>	text Field Annotation: v2.61												
499	tin	Taxpayer Identification Number <i>Indicate the Taxpayer Identification Number for the Taxpayer holder of record for the Surgeon's National Provider Identifier that performed the procedure. This may be an individual TIN or a group TIN depending on billing. This information is vital for PQRS reporting. This field will be blank for Non-US participants</i>	text Field Annotation: v2.61												
500	riskdiscussed	STS Risk Calculator Score Discussed <i>Indicate whether the STS Risk Calculator score was discussed with the patient/family prior to surgery.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes, STS risk calculator score was calculated and discussed with the patient/family prior to surgery as documented in the medical record</td></tr> <tr><td>2</td><td>No, STS risk calculator score was available for the scheduled procedure but not discussed with the patient/family prior to surgery or discussion was not documented.</td></tr> <tr><td>3</td><td>NA, not applicable (emergent or salvage case, or no risk model available for this procedure)</td></tr> </table> Field Annotation: v2.9 SeqNo. 1966	1	Yes, STS risk calculator score was calculated and discussed with the patient/family prior to surgery as documented in the medical record	2	No, STS risk calculator score was available for the scheduled procedure but not discussed with the patient/family prior to surgery or discussion was not documented.	3	NA, not applicable (emergent or salvage case, or no risk model available for this procedure)						
1	Yes, STS risk calculator score was calculated and discussed with the patient/family prior to surgery as documented in the medical record														
2	No, STS risk calculator score was available for the scheduled procedure but not discussed with the patient/family prior to surgery or discussion was not documented.														
3	NA, not applicable (emergent or salvage case, or no risk model available for this procedure)														
501	incidenc	Incidence <i>Indicate if this is the patient's -first surgery -first re-op surgery -second re-op surgery -third re-op surgery -fourth or more re-op surgery. Surgery is defined as cardiothoracic operations (heart or great vessels) surgical procedures performed with or without cardiopulmonary bypass (CPB). Also include lung procedures utilizing CPB or tracheal procedures utilizing CPB. Reoperation increases risk due to the presence of scar tissue and adhesions.</i>	dropdown <table border="1"> <tr><td>1</td><td>First cardiovascular surgery</td></tr> <tr><td>2</td><td>First re-op cardiovascular surgery</td></tr> <tr><td>3</td><td>Second re-op cardiovascular surgery</td></tr> <tr><td>4</td><td>Third re-op cardiovascular surgery</td></tr> <tr><td>5</td><td>Fourth or more re-op cardiovascular surgery</td></tr> <tr><td>6</td><td>NA - Not a cardiovascular surgery</td></tr> </table> Field Annotation: v2.52.1	1	First cardiovascular surgery	2	First re-op cardiovascular surgery	3	Second re-op cardiovascular surgery	4	Third re-op cardiovascular surgery	5	Fourth or more re-op cardiovascular surgery	6	NA - Not a cardiovascular surgery
1	First cardiovascular surgery														
2	First re-op cardiovascular surgery														
3	Second re-op cardiovascular surgery														
4	Third re-op cardiovascular surgery														
5	Fourth or more re-op cardiovascular surgery														
6	NA - Not a cardiovascular surgery														
502	status	Status <i>Indicate the clinical status of the patient prior to entering the operating room.</i>	dropdown <table border="1"> <tr><td>1</td><td>Elective</td></tr> <tr><td>2</td><td>Urgent</td></tr> <tr><td>3</td><td>Elective</td></tr> <tr><td>4</td><td>Emergent Salvage</td></tr> </table> Field Annotation: all versions	1	Elective	2	Urgent	3	Elective	4	Emergent Salvage				
1	Elective														
2	Urgent														
3	Elective														
4	Emergent Salvage														

503	urgntrsn	<p>Urgent Reason(retired v2.73) <i>Indicate the PRIMARY reason why the patient had an urgent status.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>AMI</td></tr> <tr><td>2</td><td>Anatomy</td></tr> <tr><td>3</td><td>Aortic Aneurysm</td></tr> <tr><td>4</td><td>Aortic Dissection</td></tr> <tr><td>5</td><td>CHF</td></tr> <tr><td>6</td><td>Device Failure</td></tr> <tr><td>7</td><td>Diagnostic/Interventional Procedure Complication</td></tr> <tr><td>8</td><td>Endocarditis</td></tr> <tr><td>9</td><td>Failed Transcatheter Valve Therapy</td></tr> <tr><td>10</td><td>IABP</td></tr> <tr><td>11</td><td>Infected Device</td></tr> <tr><td>12</td><td>Intracardiac mass or thrombus</td></tr> <tr><td>13</td><td>Ongoing Ischemia</td></tr> <tr><td>14</td><td>PCI Incomplete without clinical deterioration</td></tr> <tr><td>15</td><td>PCI or attempted PCI with Clinical Deterioration</td></tr> <tr><td>16</td><td>Pulmonary Edema</td></tr> <tr><td>17</td><td>Pulmonary Embolus</td></tr> <tr><td>18</td><td>Rest Angina</td></tr> <tr><td>19</td><td>Shock Circulatory Support</td></tr> <tr><td>20</td><td>Shock No Circulatory Support</td></tr> <tr><td>21</td><td>Syncope</td></tr> <tr><td>22</td><td>Transplant</td></tr> <tr><td>23</td><td>Trauma</td></tr> <tr><td>24</td><td>USA</td></tr> <tr><td>25</td><td>Valve Dysfunction</td></tr> <tr><td>26</td><td>Worsening CP</td></tr> <tr><td>27</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	AMI	2	Anatomy	3	Aortic Aneurysm	4	Aortic Dissection	5	CHF	6	Device Failure	7	Diagnostic/Interventional Procedure Complication	8	Endocarditis	9	Failed Transcatheter Valve Therapy	10	IABP	11	Infected Device	12	Intracardiac mass or thrombus	13	Ongoing Ischemia	14	PCI Incomplete without clinical deterioration	15	PCI or attempted PCI with Clinical Deterioration	16	Pulmonary Edema	17	Pulmonary Embolus	18	Rest Angina	19	Shock Circulatory Support	20	Shock No Circulatory Support	21	Syncope	22	Transplant	23	Trauma	24	USA	25	Valve Dysfunction	26	Worsening CP	27	Other
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507	pcanccasedt_deid	<p>Previously Attempted Canceled Case Date (Deid) <i>Enter date previously attempted case was canceled.</i></p>	<p>text (date_mdy) Field Annotation: v2.73</p>																																																												
508	pcanccasetmg	<p>Previously Attempted Canceled Case Timing <i>Indicate at what point previously attempted case was canceled or aborted.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Prior to Induction of Anesthesia</td></tr> <tr><td>2</td><td>After Induction, Prior to Incision</td></tr> <tr><td>3</td><td>After Incision Made</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Prior to Induction of Anesthesia	2	After Induction, Prior to Incision	3	After Incision Made																																																						
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510	pcanccasecab	<p>Previously Attempted Canceled Case Procedure - CABG <i>Indicate whether the plan for the previously attempted procedure included coronary artery bypass grafting.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No														
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511	pcanccasemech	<p>Previously Attempted Canceled Case Procedure - Mechanical Assist Device <i>Indicate whether the plan for the previously attempted procedure included implanting or explanting a mechanical assist device.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No														
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512	pcanccaseonc	<p>Previously Attempted Canceled Case Procedure - Other Non-Cardiac <i>Indicate whether the plan for the previously attempted procedure included any other non-cardiac procedure.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No														
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513	pcanccasevalsur	<p>Previously Attempted Canceled Case Procedure - Valve, Surgical <i>Indicate whether the plan for the previously attempted procedure included a surgical valve procedure.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo.</p>	1	Yes	2	No														
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514	pcanccasevaltrans	<p>Previously Attempted Canceled Case Procedure - Valve, Transcatheter <i>Indicate whether the plan for the previously attempted procedure included a transcatheter valve procedure.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo.</p>	1	Yes	2	No														
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515	pcanccaseoc	<p>Previously Attempted Canceled Case Procedure - Other Cardiac <i>Indicate whether the plan for the previously attempted procedure included any other cardiac procedure.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No														
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524	ccanccaseval	Current Case Canceled Procedure - Valve(retired v2.73) <i>Indicate whether the plan for the current procedure included a valve repair or replacement.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No												
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526	ccanccaseoc	Current Case Canceled Procedure - Other Cardiac <i>Indicate whether the plan for the current procedure included any other cardiac procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No												
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527	opapp	Operative Approach <i>Indicate the initial operative approach.</i>	dropdown <table border="1"> <tr><td>1</td><td>Full conventional sternotomy</td></tr> <tr><td>2</td><td>Partial sternotomy</td></tr> <tr><td>3</td><td>Right or left parasternal incision</td></tr> <tr><td>8</td><td>Sub-xiphoid</td></tr> <tr><td>9</td><td>Sub-costal</td></tr> <tr><td>4</td><td>Left thoracotomy</td></tr> <tr><td>5</td><td>Right thoracotomy</td></tr> <tr><td>6</td><td>Transverse sternotomy (includes clamshell)</td></tr> <tr><td>7</td><td>Minimally invasive</td></tr> <tr><td>10</td><td>Bilateral thoracotomy</td></tr> <tr><td>11</td><td>Limited (mini) thoracotomy, right</td></tr> <tr><td>12</td><td>Limited (mini) thoracotomy, left</td></tr> <tr><td>13</td><td>Limited (mini) thoracotomy, bilateral</td></tr> <tr><td>14</td><td>Thoracoabdominal incision</td></tr> <tr><td>15</td><td>Percutaneous</td></tr> <tr><td>16</td><td>Port access</td></tr> <tr><td>17</td><td>Other</td></tr> <tr><td>18</td><td>None (canceled case)</td></tr> </table>	1	Full conventional sternotomy	2	Partial sternotomy	3	Right or left parasternal incision	8	Sub-xiphoid	9	Sub-costal	4	Left thoracotomy	5	Right thoracotomy	6	Transverse sternotomy (includes clamshell)	7	Minimally invasive	10	Bilateral thoracotomy	11	Limited (mini) thoracotomy, right	12	Limited (mini) thoracotomy, left	13	Limited (mini) thoracotomy, bilateral	14	Thoracoabdominal incision	15	Percutaneous	16	Port access	17	Other	18	None (canceled case)
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528	approachcon	Operative Approach Converted <i>Indicate whether the operative approach was converted during the procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes, planned</td></tr> <tr><td>2</td><td>Yes, unplanned</td></tr> <tr><td>3</td><td>No</td></tr> </table>	1	Yes, planned	2	Yes, unplanned	3	No																														
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529	robotic	Robot Used <i>Indicate whether a robot was used during cardiac surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																																
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1	Used for entire operation																																						
2	Used for part of the operation																																						
			Field Annotation: v2.81 SeqNo. 2115																																				
531	opcab	CAB <i>Indicate whether coronary artery bypass grafting was done.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No																										
1	Yes																																						
3	Yes, planned																																						
4	Yes, unplanned due to surgical complication																																						
5	Yes, unplanned due to unsuspected disease or anatomy																																						
2	No																																						
			Field Annotation: all versions																																				
532	opvalve	Valve <i>Indicate whether a surgical procedure was done on the Aortic, Mitral, Tricuspid or Pulmonic valves.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																																
1	Yes																																						
2	No																																						
			Field Annotation: v2.52.1																																				

533	opvalsurginput	Surgeon Input for Valve Surgery Data Abstraction <i>Indicate whether the surgeon provided input for the valve surgery data abstraction.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2126	1	Yes	2	No						
1	Yes												
2	No												
534	aortproc	Aorta Procedure Performed <i>Indicate whether a procedure was performed on the aorta.</i>	dropdown <table border="1"> <tr> <td>3</td> <td>Yes, planned</td> </tr> <tr> <td>4</td> <td>Yes, unplanned due to surgical complication</td> </tr> <tr> <td>5</td> <td>Yes, unplanned due to unsuspected disease or anatomy</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 2128	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No		
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
2	No												
535	aortprocsurginput	Surgeon Input for Aortic Surgery Data Abstraction <i>Indicate whether the surgeon provided input for the aortic surgery data abstraction.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2129	1	Yes	2	No						
1	Yes												
2	No												
536	opocard	Other Card <i>Indicate whether another cardiac procedure was done (other than CABG and/or Valve procedures).</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>3</td> <td>Yes, planned</td> </tr> <tr> <td>4</td> <td>Yes, unplanned due to surgical complication</td> </tr> <tr> <td>5</td> <td>Yes, unplanned due to unsuspected disease or anatomy</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: all versions	1	Yes	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No
1	Yes												
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
2	No												
537	afibproc	Atrial Fibrillation Procedure Performed <i>Indicate whether an atrial fibrillation procedure was performed.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 2145	1	Yes	2	No						
1	Yes												
2	No												
538	afibprocsurginput	Surgeon Input for Other Cardiac Afib Data Abstraction <i>Indicate whether the surgeon provided input for the other cardiac Afib procedure data abstraction.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2146	1	Yes	2	No						
1	Yes												
2	No												
539	oponcard	Other Non Card <i>Indicate whether a non-cardiac procedure was done.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: all versions	1	Yes	2	No						
1	Yes												
2	No												
540	unplproc	Unplanned Procedure(retired v2.73) <i>Indicate if an unplanned procedure was done during this operation.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes, unsuspected patient disease or anatomy</td> </tr> <tr> <td>3</td> <td>Yes, surgical complication</td> </tr> </table> Field Annotation: v2.73	1	No	2	Yes, unsuspected patient disease or anatomy	3	Yes, surgical complication				
1	No												
2	Yes, unsuspected patient disease or anatomy												
3	Yes, surgical complication												
541	unplcabg	Unplanned CABG(retired v2.73) <i>Indicate whether unplanned procedure was a CABG.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												

542	unplav	Unplanned Aortic Valve Procedure(retired v2.73) <i>Indicate whether unplanned procedure was an aortic valve repair or replacement.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
543	unplmv	Unplanned Mitral Valve Procedure(retired v2.73) <i>Indicate whether unplanned procedure was a mitral valve repair or replacement.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
544	unplao	Unplanned Aorta Procedure(retired v2.73) <i>Indicate whether unplanned procedure was an aorta procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
545	unplvad	Unplanned VAD(retired v2.73) <i>Indicate whether unplanned procedure was a VAD insertion.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
546	unploth	Unplanned Other Procedure(retired v2.73) <i>Indicate if other unplanned procedure was performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
547	cpt1code1	CPT-1 Code # 1 <i>Indicate the first CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
548	cpt1code2	CPT-1 Code # 2 <i>Indicate, if applicable, the second CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
549	cpt1code3	CPT-1 Code # 3 <i>Indicate, if applicable, the third CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
550	cpt1code4	CPT-1 Code # 4 <i>Indicate, if applicable, the fourth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
551	cpt1code5	CPT-1 Code # 5 <i>Indicate, if applicable, the fifth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
552	cpt1code6	CPT-1 Code # 6 <i>Indicate, if applicable, the sixth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
553	cpt1code7	CPT-1 Code # 7 <i>Indicate, if applicable, the seventh CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
554	cpt1code8	CPT-1 Code # 8 <i>Indicate, if applicable, the eighth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
555	cpt1code9	CPT-1 Code # 9 <i>Indicate, if applicable, the ninth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
556	cpt1code10	CPT-1 Code # 10 <i>Indicate, if applicable, the tenth CPT procedure code (CPT-1) pertaining to the surgery for which the data collection form was initiated.</i>	text Field Annotation: v2.61				
557	orenyrdt_deid	OR Entry Date And Time (Deid) <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient entered the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was set up.</i>	text (datetime_mdy) Field Annotation: v2.61				

558	orexitdt_deid	OR Exit Date And Time (Deid) <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the patient exits the operating room. If the procedure was performed in a location other than the OR, record the time when the sterile field, or its equivalent, was taken down.</i>	text (datetime_mdy) Field Annotation: v2.61						
559	genanes	General Anesthesia <i>Indicate whether general anesthesia was used during this procedure.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2251	1	Yes	2	No		
1	Yes								
2	No								
560	procsed	Procedural Sedation <i>Indicate whether the procedure was performed under sedation (also referred to as "moderate sedation" or "conscious sedation") and not general anesthesia.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2252	1	Yes	2	No		
1	Yes								
2	No								
561	intubate	Intubation <i>Indicate the status of intubation.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes, prior to entering OR for this procedure</td> </tr> <tr> <td>2</td> <td>Yes, in the OR for this procedure</td> </tr> <tr> <td>3</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 2253	1	Yes, prior to entering OR for this procedure	2	Yes, in the OR for this procedure	3	No
1	Yes, prior to entering OR for this procedure								
2	Yes, in the OR for this procedure								
3	No								
562	intubatedt_deid	Initial Intubation Date And Time (Deid) <i>Indicate the date (mm/dd/yyyy) and time (hh The following guidelines apply: 1. Capture the intubation closest to the surgical start time. If the patient was intubated upon admission and remained intubated until the surgical start time, capture this intubation's date and time. 2. If the patient was admitted intubated (intubated at another institution) and remained continually intubated until the surgical start time, capture the patient's admission date and time. 3. If the patient was admitted with a tracheostomy in place without ventilatory support, capture the date and time closest to the surgical start time that ventilatory support was initiated. 4. If the patient was admitted with a tracheostomy in place receiving chronic ventilatory support, capture the admission date and time. 5. If the intubation date and time is otherwise unknown, enter the date and time the patient entered the operating room. 6. Do not alter the previously established date and time that ventilatory support was initiated for scenarios including, but not limited to, interruptions in ventilatory support due to accidental extubation/de-cannulation, elective tube change etc.</i>	text (datetime_mdy) Field Annotation: v2.61						
563	extubatedt_deid	Initial Extubation Date And Time (Deid) <i>Indicate the date (mm/dd/yyyy) and time (hh ceased after surgery. The following guidelines apply: 1. Capture the extubation closest to the surgical stop time. 2. If the patient has a tracheostomy and is separated from the mechanical ventilator postoperatively within the hospital admission, capture the date and time of separation from the mechanical ventilator closest to the surgical stop time. 3. If the patient expires while intubated or cannulated and on the ventilator, capture the date and time of expiration. 4. If patient is discharged on chronic ventilatory support, capture the date and time of discharge.</i>	text (datetime_mdy) Field Annotation: v2.61						
564	sistartdt_deid	Skin Incision Start Date And Time (Deid) <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the first skin incision, or its equivalent, was made.</i>	text (datetime_mdy) Field Annotation: v2.61						
565	sistopdt_deid	Skin Incision Stop Date And Time (Deid) <i>Indicate the date and time, to the nearest minute (using 24-hour clock), that the skin incision was closed, or its equivalent. If the patient leaves the operating room with an open incision, collect the time that the dressings were applied to the incision.</i>	text (datetime_mdy) Field Annotation: v2.61						
566	anesenddt_deid	Anesthesia End Date and Time (Deid) <i>Indicate the anesthesia end time documented in the medical record. The definition of anesthesia end time is when the anesthesiologist is no longer in personal attendance, that is, when the patient is safely placed under post-anesthesia supervision.</i>	text (datetime_mdy) Field Annotation: v2.81 SeqNo. 2275						
567	abxselect	Appropriate Antibiotic Selection <i>Indicate if there was documentation of an order for a first generation or second generation cephalosporin prophylactic antibiotic, documentation that it was given preoperatively or in the event of a documented allergy an alternate antibiotic choice is ordered and administered.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Exclusion</td> </tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Exclusion
1	Yes								
2	No								
3	Exclusion								

568	abxtiming	Appropriate Antibiotic Administration Timing <i>Indicate whether prophylactic antibiotics were administered within one hour of surgical incision or start of procedure if no incision required (two hours if receiving Vancomycin or fluoroquinolone). The surgical incision time is the time of the first incision, regardless of location.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Exclusion</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Exclusion										
1	Yes																		
2	No																		
3	Exclusion																		
569	abxdisc	Appropriate Antibiotic Discontinuation <i>Indicate whether the prophylactic antibiotics were ordered to be discontinued OR were discontinued within 48 hours after surgery end time. Determining the timeframe (within 48 hours) begins at the 'surgical end time'.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Exclusion</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No	3	Exclusion										
1	Yes																		
2	No																		
3	Exclusion																		
570	addintraoppanti	Additional Intraoperative Prophylactic Antibiotic Dose <i>Indicate whether an additional prophylactic antibiotic dose was given in the operating room.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 2295	1	Yes	2	No												
1	Yes																		
2	No																		
571	tempmeas	Temperature Measured <i>Indicate whether the patient's temperature was measured during the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2296	1	Yes	2	No												
1	Yes																		
2	No																		
572	lwsttemp	Lowest Temperature <i>Record the patient's lowest core temperature in the operating room in degrees centigrade.</i>	text (number, Min: 5, Max: 40) Field Annotation: v2.73																
573	lwsttempsrc	Lowest Temperature Source <i>Indicate the source where the lowest core temperature was measured.</i>	dropdown <table border="1"> <tr><td>1</td><td>Esophageal</td></tr> <tr><td>2</td><td>CPB venous return</td></tr> <tr><td>3</td><td>Bladder</td></tr> <tr><td>4</td><td>Nasopharyngeal</td></tr> <tr><td>5</td><td>Tympanic</td></tr> <tr><td>6</td><td>Rectal</td></tr> <tr><td>7</td><td>Other</td></tr> <tr><td>8</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 2305	1	Esophageal	2	CPB venous return	3	Bladder	4	Nasopharyngeal	5	Tympanic	6	Rectal	7	Other	8	Unknown
1	Esophageal																		
2	CPB venous return																		
3	Bladder																		
4	Nasopharyngeal																		
5	Tympanic																		
6	Rectal																		
7	Other																		
8	Unknown																		
574	lwstintrahemo	Lowest Intra-op Hemoglobin <i>Enter the lowest measured hemoglobin recorded in the operating room. Do not enter calculated values.</i>	text (number, Min: 1, Max: 50) Field Annotation: v2.81 SeqNo. 2310																
575	lwsthct	Lowest Hematocrit <i>Enter the lowest measured hematocrit recorded in the operating room. Do not enter calculated values.</i>	text (number, Min: 1, Max: 99.99) Field Annotation: v2.73																
576	highintraglu	Highest Intra-op Glucose <i>Enter the highest glucose recorded in the operating room.</i>	text (number, Min: 40, Max: 2000) Field Annotation: v2.81 SeqNo. 2320																
577	cpbutil	CPB Utilization <i>Indicate the level of CPB or coronary perfusion used during the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Combination</td></tr> <tr><td>3</td><td>Full</td></tr> </table> Field Annotation: v2.52.1	1	None	2	Combination	3	Full										
1	None																		
2	Combination																		
3	Full																		
578	cpbcmb	CPB Utilization - Combination Plan <i>Indicate whether the combination procedure from off-pump to on-pump was a planned or an unplanned conversion.</i>	radio <table border="1"> <tr><td>1</td><td>Planned</td></tr> <tr><td>2</td><td>Unplanned</td></tr> </table> Field Annotation: v2.52.1	1	Planned	2	Unplanned												
1	Planned																		
2	Unplanned																		

579	cpbcnbr	<p>CPB Utilization - Unplanned Combination Reason <i>Indicate the reason that the procedure required the initiation of CPB and/or coronary perfusion.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Exposure/visualization</td></tr> <tr><td>2</td><td>Bleeding 3 Inadequate size and/or diffuse disease of distal vessel</td></tr> <tr><td>4</td><td>Hemodynamic instability (hypotension/arrhythmias)</td></tr> <tr><td>5</td><td>Conduit quality and/or trauma</td></tr> <tr><td>9</td><td>Other</td></tr> </table> <p>Field Annotation: v2.52.1</p>	1	Exposure/visualization	2	Bleeding 3 Inadequate size and/or diffuse disease of distal vessel	4	Hemodynamic instability (hypotension/arrhythmias)	5	Conduit quality and/or trauma	9	Other
1	Exposure/visualization												
2	Bleeding 3 Inadequate size and/or diffuse disease of distal vessel												
4	Hemodynamic instability (hypotension/arrhythmias)												
5	Conduit quality and/or trauma												
9	Other												
580	canaortfem	<p>Cannulation Method - Aorta and Femoral/Jugular Vein(retired v2.61) <i>Indicate whether the method of cannulation included Aorta and Femoral/Jugular Vein for cardiopulmonary bypass.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
581	canfemfem	<p>Cannulation Method - Femoral Artery and Femoral/Jugular Vein(retired v2.61) <i>Indicate whether the method of cannulation included Femoral Artery and Femoral/Jugular Vein for cardiopulmonary bypass.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
582	canfematr	<p>Cannulation Method - Femoral Artery and Atrial/Caval(retired v2.61) <i>Indicate whether the method of cannulation included Femoral Artery and Atrial/Caval for cardiopulmonary bypass.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
583	canaortatr	<p>Cannulation Method - Aorta and Atrial/Caval(retired v2.61) <i>Indicate whether the method of cannulation included Aorta and Atrial/Caval for cardiopulmonary bypass.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
584	canother	<p>Cannulation Method - Other(retired v2.61) <i>Indicate whether the method of cannulation included any other method for cardiopulmonary bypass.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
585	canartstaort	<p>Cannulation - Arterial Cannulation Site - Aortic <i>Indicate whether the arterial cannulation site included the aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No						
1	Yes												
2	No												
586	canartstfem	<p>Cannulation - Arterial Cannulation Site - Femoral <i>Indicate whether the arterial cannulation site included a femoral artery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No						
1	Yes												
2	No												
587	canartstax	<p>Cannulation - Arterial Cannulation Site - Axillary <i>Indicate whether the arterial cannulation site included an axillary artery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No						
1	Yes												
2	No												
588	canartstinn	<p>Cannulation - Arterial Cannulation Site - Innominate <i>Indicate whether the arterial cannulation site included an innominate artery.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 2355</p>	1	Yes	2	No						
1	Yes												
2	No												

589	canartstoth	Cannulation - Arterial Cannulation Site - Other <i>Indicate whether the arterial cannulation site included any other artery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
590	canvenstfem	Cannulation - Venous Cannulation Site - Femoral <i>Indicate whether the venous (inflow) cannulation site included a femoral vein.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
591	canvenstjug	Cannulation - Venous Cannulation Site - Jugular <i>Indicate whether the venous (inflow) cannulation site included a jugular vein.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
592	canvenstrta	Cannulation - Venous Cannulation Site - Right Atrial <i>Indicate whether the venous (inflow) cannulation site included the right atrium.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
593	canvenstlfa	Cannulation - Venous Cannulation Site - Left Atrial <i>Indicate whether the venous (inflow) cannulation site included the left atrium.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
594	canvenstpulm	Cannulation - Venous Cannulation Site - Pulmonary Vein <i>Indicate whether the venous (inflow) cannulation site included a pulmonary vein.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
595	canvenstbi	Cannulation - Venous Cannulation Site - Caval/Bicaval <i>Indicate whether the venous (inflow) cannulation site included the superior and/or inferior vena cava.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
596	canvenstoth	Cannulation - Venous Cannulation Site - Other <i>Indicate whether the venous (inflow) cannulation site included any other site.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No
1	Yes						
2	No						
597	perfustm	Cardiopulmonary Bypass Time <i>Indicate the total number of minutes that systemic return is diverted into the cardiopulmonary bypass (CPB) circuit and returned to the systemic system. This time period (Cardiopulmonary Bypass Time) includes all periods of cerebral perfusion and sucker bypass. This time period (Cardiopulmonary Bypass Time) excludes any circulatory arrest and modified ultrafiltration periods. If more than one period of CPB is required during the surgical procedure, the sum of all the CPB periods will equal the total number of CPB minutes.</i>	text (number, Min: 1) Field Annotation: all versions				
598	circarr	Circulatory Arrest <i>Indicate whether or not circulatory arrest was utilized during the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No
1	Yes						
2	No						
599	dhcatm	Circulatory Arrest Time Without Cerebral Perfusion <i>Indicate the total number of minutes of deep hypothermic circulatory arrest without cerebral perfusion. If more than one period of circulatory arrest is required during this surgical procedure, the sum of these periods is equal to the total duration of circulatory arrest.</i>	text (number, Min: 0, Max: 300) Field Annotation: v2.61				

600	cperfulil	Circulatory Arrest With Cerebral Perfusion <i>Indicate whether circulatory arrest with cerebral perfusion was performed.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
601	cperftime	Cerebral Perfusion Time <i>Indicate the total number of minutes cerebral perfusion was performed. This would include antegrade and/or retrograde cerebral perfusion strategies.</i>	text (number, Min: 0, Max: 999) Field Annotation: v2.73										
602	cperftyp	Cerebral Perfusion Type <i>Indicate type of cerebral perfusion utilized.</i>	radio <table border="1"> <tr> <td>1</td> <td>Antegrade</td> </tr> <tr> <td>2</td> <td>Retrograde</td> </tr> <tr> <td>3</td> <td>Both antegrade and retrograde</td> </tr> </table> Field Annotation: v2.73	1	Antegrade	2	Retrograde	3	Both antegrade and retrograde				
1	Antegrade												
2	Retrograde												
3	Both antegrade and retrograde												
603	totcircarrtm	Total Circulatory Arrest Time <i>Calculated variable measuring circulatory arrest without cerebral perfusion time plus any cerebral perfusion time.</i>	text (number, Min: 0, Max: 1299) Field Annotation: v2.81 SeqNo. 2426										
604	aortoccl	Aortic Occlusion <i>Indicate the technique of aortic occlusion used.</i>	dropdown <table border="1"> <tr> <td>5</td> <td>None - beating heart</td> </tr> <tr> <td>6</td> <td>None - fibrillating heart</td> </tr> <tr> <td>1</td> <td>None (retired 2.61)</td> </tr> <tr> <td>2</td> <td>Aortic Crossclamp</td> </tr> <tr> <td>3</td> <td>Balloon Occlusion</td> </tr> </table> Field Annotation: all versions	5	None - beating heart	6	None - fibrillating heart	1	None (retired 2.61)	2	Aortic Crossclamp	3	Balloon Occlusion
5	None - beating heart												
6	None - fibrillating heart												
1	None (retired 2.61)												
2	Aortic Crossclamp												
3	Balloon Occlusion												
605	xclampptm	Cross Clamp Time (min) <i>Indicate the total number of minutes that the coronary circulation is mechanically isolated from systemic circulation, either by an aortic cross clamp or systemic circulatory arrest.</i>	text (number, Min: 0, Max: 600) Field Annotation: all versions										
606	cplegia	Cardioplegia(retired v2.61) <i>Indicate whether cardioplegia was used.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												
607	cplegiadeliv	Cardioplegia Delivery <i>Indicate the delivery method of cardioplegia if used.</i>	radio <table border="1"> <tr> <td>1</td> <td>None</td> </tr> <tr> <td>2</td> <td>Antegrade</td> </tr> <tr> <td>3</td> <td>Retrograde</td> </tr> <tr> <td>4</td> <td>Both</td> </tr> </table> Field Annotation: v2.73	1	None	2	Antegrade	3	Retrograde	4	Both		
1	None												
2	Antegrade												
3	Retrograde												
4	Both												
608	cplegiatype	Cardioplegia Type <i>Indicate the type of cardioplegia used.</i>	radio <table border="1"> <tr> <td>1</td> <td>Blood</td> </tr> <tr> <td>2</td> <td>Crystalloid</td> </tr> <tr> <td>3</td> <td>Both</td> </tr> <tr> <td>4</td> <td>Other</td> </tr> </table> Field Annotation: v2.73	1	Blood	2	Crystalloid	3	Both	4	Other		
1	Blood												
2	Crystalloid												
3	Both												
4	Other												
609	ceroxused	Cerebral Oximetry Used <i>Indicate whether cerebral oximetry was used.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												

610	prerso2lft	<p>Pre-Induction Baseline Regional Oxygen Saturation - Left(retired v2.73)</p> <p>Indicate the percent baseline left cerebral regional oxygen saturation (rSO2) values at the beginning of the operation, when the patient is awake and functional. Patient can be sedated or on supplemental oxygen at the time measurement is taken. In the absence of a user-specified baseline, the cerebral oximeter will automatically select a baseline value from the first few minutes of the case.</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
611	prerso2rt	<p>Pre-Induction Baseline Regional Oxygen Saturation - Right(retired v2.73)</p> <p>Indicate the percent baseline right cerebral regional oxygen saturation (rSO2) values at the beginning of the operation, when the patient is awake and functional. Patient can be sedated or on supplemental oxygen at the time measurement is taken. In the absence of a user-specified baseline, the cerebral oximeter will automatically select a baseline value from the first few minutes of the case.</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
612	cumulsatlft	<p>Cumulative Saturation Below Threshold - Left(retired v2.73)</p> <p>Indicate the cumulative integral of time and depth of desaturation events below the threshold of 75% of the baseline rSO2 value (relative decline of 25% below baseline) for the left rSO2. Calculated by the cerebral oximeter by multiplying the difference between the threshold and current rSO2 values times the duration that rSO2 is below the threshold. Values are accumulated throughout the operation. Units are minute-%. This is also called area under the curve (AUC).</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
613	cumulsatrt	<p>Cumulative Saturation Below Threshold - Right(retired v2.73)</p> <p>Indicate the cumulative integral of time and depth of desaturation events below the threshold of 75% of the baseline rSO2 value (relative decline of 25% below baseline) for the right rSO2. Calculated by the cerebral oximeter by multiplying the difference between the threshold and current rSO2 values times the duration that rSO2 is below the threshold. Values are accumulated throughout the operation. Units are minute-%. This is also called area under the curve (AUC).</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
614	cofirstind	<p>Cerebral Oximeter Provided The First Indication(retired v2.73)</p> <p>Indicate whether the cerebral oximeter provided the first indication of a technical problem or physiological change in the patient that could potentially lead to an adverse patient outcome.</p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No				
1	Yes										
2	No										
615	scrso2lft	<p>Skin Closure Regional Oxygen Saturation - Left(retired v2.73)</p> <p>Indicate the left cerebral regional oxygen saturation of blood (rSO2) value at the time of skin closure at the end of the operation. Units are %.</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
616	scrso2rt	<p>Skin Closure Regional Oxygen Saturation - Right(retired v2.73)</p> <p>Indicate the right cerebral regional oxygen saturation of blood (rSO2) value at the time of skin closure at the end of the operation. Units are %.</p>	<p>text</p> <p>Field Annotation: v2.73</p>								
617	concalc	<p>Diffuse Aortic Calcification (Porcelain Aorta)</p> <p>Indicate whether diffuse or concentric calcification of the aorta was discovered preoperatively or Intraoperatively using imaging or palpation.</p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No				
1	Yes										
2	No										
618	asmtasca	<p>Assessment of Ascending Aorta/Arch</p> <p>Indicate whether the Ascending Aorta/Arch was evaluated for atheroma or plaque during surgery using TEE or epiaortic ultrasound. (Not intended for assessment of aneurysmal disease or dissection.)</p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Not reported</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No	3	Not reported		
1	Yes										
2	No										
3	Not reported										
619	asmtaodxmth	<p>Method of Assessment of Aorta Plaque</p> <p>Indicate the method of assessing the highest grade of atheroma or plaque in the ascending aorta.</p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>TEE</td> </tr> <tr> <td>2</td> <td>Epiaortic ultrasound</td> </tr> <tr> <td>3</td> <td>CT scan</td> </tr> <tr> <td>4</td> <td>Other diagnostic modality</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 2497</p>	1	TEE	2	Epiaortic ultrasound	3	CT scan	4	Other diagnostic modality
1	TEE										
2	Epiaortic ultrasound										
3	CT scan										
4	Other diagnostic modality										

620	asmtaodx	Assessment of Aorta Plaque <i>Indicate highest grade of atheroma or plaque in the ascending aorta.</i>	dropdown <table border="1"> <tr><td>1</td><td>Normal aorta / No or minimal plaque</td></tr> <tr><td>2</td><td>Extensive intimal thickening</td></tr> <tr><td>3</td><td>Protruding Atheroma < 5 mm</td></tr> <tr><td>4</td><td>Protruding Atheroma >= 5 mm</td></tr> <tr><td>5</td><td>Mobile plaques</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	1	Normal aorta / No or minimal plaque	2	Extensive intimal thickening	3	Protruding Atheroma < 5 mm	4	Protruding Atheroma >= 5 mm	5	Mobile plaques	6	Not documented
1	Normal aorta / No or minimal plaque														
2	Extensive intimal thickening														
3	Protruding Atheroma < 5 mm														
4	Protruding Atheroma >= 5 mm														
5	Mobile plaques														
6	Not documented														
621	asmtapl	Aortic Condition Altered Plan <i>Indicate whether aortic assessment changed cannulation strategy or surgical plan.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
622	ibldprodref	Intraop Blood Products Refused <i>Indicate whether the patient or family refused blood products.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														
623	ibldprod	Intraop Blood Products <i>Indicate whether blood products were transfused any time intraoperatively during the initial surgery. Intraoperatively is defined as any blood started inside of the OR.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No								
1	Yes														
2	No														
624	ibdrbcu	Intraop Blood Products - RBC Units <i>Indicate the number of units of packed red blood cells that were transfused intraoperatively. Do not include autologous, cell-saver, pump-residual or chest tube recirculated blood.</i>	text (number, Min: 0, Max: 99) Field Annotation: v2.52.1												
625	ibdffpu	Intraop Blood Products - FFP Units <i>Indicate the number of units of fresh frozen plasma that were transfused intraoperatively.</i>	text (number, Min: 0, Max: 99) Field Annotation: v2.52.1												
626	ibdplatu	Intraop Blood Products - Platelet Units <i>Indicate the number of units of platelets that were transfused intraoperatively. Count the dose pack as one unit. A dose pack may consist of 4, 6, 8, 10, or any number of donor platelets obtained. The number of units coded is not volume dependent.</i>	text (number, Min: 0, Max: 99) Field Annotation: v2.52.1												
627	ibdcryou	Intraop Blood Products - Cryo Units <i>Indicate the number of units of cryoprecipitate that were transfused intraoperatively. One bag of cryo = one unit. The number of units is not volume dependent.</i>	text (number, Min: 0, Max: 99) Field Annotation: v2.52.1												
628	intraclotfact	Intraop Clotting Factors <i>Indicate whether clotting factors were administered intraoperatively.</i>	radio <table border="1"> <tr><td>1</td><td>Yes, Factor VIIa</td></tr> <tr><td>2</td><td>Yes, FEIBA</td></tr> <tr><td>3</td><td>Yes, Composite</td></tr> <tr><td>4</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 2545	1	Yes, Factor VIIa	2	Yes, FEIBA	3	Yes, Composite	4	No				
1	Yes, Factor VIIa														
2	Yes, FEIBA														
3	Yes, Composite														
4	No														
629	intraopprocomcon	Intraop Prothrombin Complex Concentrate <i>Indicate whether prothrombin complex concentrate (i.e.K-Centra)was given intraoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2546	1	Yes	2	No								
1	Yes														
2	No														
630	imedeaca	Intraop Antifibrinolytic Medications - Epsilon Amino-Caproic Acid <i>Indicate whether the patient received Epsilon Amino-Caproic Acid in the operating room.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														

631	imedtran	Intraop Antifibrinolytic Medications - Tranexamic Acid <i>Indicate whether the patient received Tranexamic Acid in the operating room.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														
632	imeddesmo	Intraop Medications - Desmopressin(retired v2.61) <i>Indicate whether the patient received Desmopressin in the operating room.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														
633	imedaprot	Intraop Medications - Aprotinin(retired v2.61) <i>Indicate whether the patient received Aprotinin in the operating room.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														
634	imedaprotD	Intraop Medications - Aprotinin - Dose(retired v2.61) <i>Indicate the dosage of the Aprotinin the patient received in the operating room.</i>	dropdown <table border="1"> <tr><td>1</td><td>Full dose</td></tr> <tr><td>2</td><td>Half dose</td></tr> </table> Field Annotation: v2.61	1	Full dose	2	Half dose								
1	Full dose														
2	Half dose														
635	ibdfactorvii	Intraop Blood Products - Factor VIIa(retired v2.73) <i>Indicate the amount of Factor VIIa that was given intraoperatively. Units are measured in micrograms per kilogram.</i>	text Field Annotation: v2.73												
636	inoptee	Intraop TEE post procedure <i>Indicate whether intraoperative TEE was performed following procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
637	prepar	Post Repair TEE Aortic Insufficiency <i>Indicate the highest level of aortic insufficiency/ regurgitation found on post CPB intraop TEE. Mild-to-Moderate should be coded as moderate; moderate to severe should be coded as severe. Amount of AR should be the LAST ASSESSMENT before leaving the operating room. For example: if patient has aortic repair, separates from CPB and finds moderate AR, surgeon goes back on and re-fixes, comes off and finds no AR, it should be recorded as none.</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
638	prepagradm	Aortic Gradient - Post Repair Mean <i>Indicate the mean aortic valve gradient on TEE in the OR after the procedure</i>	text (number, Min: 0, Max: 200) Field Annotation: v2.9 SeqNo. 2566												
639	prepapvl	Post Repair Aortic Paravalvular Leak <i>Indicate whether there was an aortic paravalvular leak noted on TEE in the OR after the procedure</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 2567	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														

640	prepmr	Post Repair TEE Mitral Insufficiency <i>Indicate the highest level of mitral insufficiency/ regurgitation found on post CPB intraop TEE. Mild-to-Moderate should be coded as moderate; moderate to severe should be coded as severe. Amount of MR should be the LAST ASSESSMENT before leaving the operating room. For example: if patient has mitral repair, separates from CPB and finds moderate MR, surgeon goes back on and re-fixes, comes off and finds no MR, it should be recorded as none.</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
641	prepmgradm	Mitral Gradient - Post Repair Mean <i>Indicate the mean mitral valve gradient on TEE in the OR after the procedure</i>	text (number, Min: 0, Max: 30) Field Annotation: v2.9 SeqNo. 2571												
642	prempvl	Post Repair Mitral Paravalvular Leak <i>Indicate whether there was a mitral paravalvular leak noted on TEE in the OR after the procedure</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 2572	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
643	preptr	Post Repair TEE Tricuspid Insufficiency <i>Indicate the highest level of tricuspid insufficiency/ regurgitation found on post CPB intraop TEE. Mild-to-Moderate should be coded as moderate; moderate to severe should be coded as severe. Amount of TR should be the LAST ASSESSMENT before leaving the operating room.</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.73	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
644	preptgradm	Tricuspid Gradient - Post Repair Mean <i>Indicate the mean tricuspid valve gradient on TEE in the OR after the procedure</i>	text (number, Min: 0, Max: 100) Field Annotation: v2.9 SeqNo. 2576												
645	preptpvl	Post Repair Tricuspid Paravalvular Leak <i>Indicate whether there was a tricuspid paravalvular leak noted on TEE in the OR after the procedure</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 2577	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
646	ppefmeas	Ejection Fraction Measured Post Procedure <i>Indicate whether the ejection fraction was measured after the procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2581	1	Yes	2	No								
1	Yes														
2	No														
647	ppef	Ejection Fraction Post Procedure <i>Indicate the percentage of the blood emptied from the left ventricle at the end of the contraction. Use the most recent determination after the procedure documented on a diagnostic report. Enter a percentage in the range of 1 - 99. If a percentage range is reported, report a whole number using the 'mean' (i.e., 50-55% is reported as 53%), is acceptable. ACCF/AHA 2013</i>	text (number, Min: 1, Max: 99) Field Annotation: v2.9 SeqNo. 2582												

648	prepef	Post Repair Ejection Fraction(retired v2.81) <i>Indicate the postoperative ejection fraction.</i>	radio <table border="1"> <tr><td>1</td><td>Unchanged</td></tr> <tr><td>2</td><td>Increased</td></tr> <tr><td>3</td><td>Decreased</td></tr> <tr><td>4</td><td>Not reported</td></tr> </table> Field Annotation: v2.81 SeqNo. 2580	1	Unchanged	2	Increased	3	Decreased	4	Not reported		
1	Unchanged												
2	Increased												
3	Decreased												
4	Not reported												
649	pplannedpci	Planned Post Procedure PCI <i>Indicate whether the procedure was followed by a planned PCI.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2606	1	Yes	2	No						
1	Yes												
2	No												
650	combcardpci	Combined Cardiac Surgery and PCI Performed(retired v2.81) <i>Indicate whether a cardiac surgical procedure was performed in addition to a PCI during this hospitalization.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 2585	1	Yes	2	No						
1	Yes												
2	No												
651	combprocs	Combined Cardiac and PCI Procedures Performed(retired v2.81) <i>Indicate which procedures were performed during this hospitalization.</i>	radio <table border="1"> <tr><td>1</td><td>PCI + CAB</td></tr> <tr><td>2</td><td>PCI + Valve</td></tr> <tr><td>3</td><td>PCI + Aortic</td></tr> <tr><td>4</td><td>PCI + Other</td></tr> </table> Field Annotation: v2.81 SeqNo. 2590	1	PCI + CAB	2	PCI + Valve	3	PCI + Aortic	4	PCI + Other		
1	PCI + CAB												
2	PCI + Valve												
3	PCI + Aortic												
4	PCI + Other												
652	combprocspci	Combined Cardiac Surgery and PCI Procedures(retired v2.81) <i>Indicate the PCI performed.</i>	radio <table border="1"> <tr><td>1</td><td>Angioplasty</td></tr> <tr><td>2</td><td>Stent</td></tr> <tr><td>3</td><td>Angioplasty and stent</td></tr> <tr><td>4</td><td>Attempted PCI</td></tr> </table> Field Annotation: v2.81 SeqNo. 2600	1	Angioplasty	2	Stent	3	Angioplasty and stent	4	Attempted PCI		
1	Angioplasty												
2	Stent												
3	Angioplasty and stent												
4	Attempted PCI												
653	combprocsstatus	Combined Cardiac Surgery and PCI Procedure Status(retired v2.81) <i>Indicate whether the procedures were performed concurrently or staged.</i>	radio <table border="1"> <tr><td>1</td><td>Concurrent - same setting</td></tr> <tr><td>2</td><td>Staged - PCI followed by surgery</td></tr> <tr><td>3</td><td>Staged - surgery followed by PCI</td></tr> </table> Field Annotation: v2.81 SeqNo. 2595	1	Concurrent - same setting	2	Staged - PCI followed by surgery	3	Staged - surgery followed by PCI				
1	Concurrent - same setting												
2	Staged - PCI followed by surgery												
3	Staged - surgery followed by PCI												
654	combprocsstenty	Combined Cardiac Surgery and PCI Procedures - Stent Type(retired v2.81) <i>Indicate the type of stent deployed during PCI.</i>	radio <table border="1"> <tr><td>1</td><td>Bare metal</td></tr> <tr><td>2</td><td>Drug-eluting</td></tr> <tr><td>3</td><td>Bioresorbable</td></tr> <tr><td>4</td><td>Multiple</td></tr> <tr><td>5</td><td>Not documented</td></tr> </table> Field Annotation: v2.81 SeqNo. 2605	1	Bare metal	2	Drug-eluting	3	Bioresorbable	4	Multiple	5	Not documented
1	Bare metal												
2	Drug-eluting												
3	Bioresorbable												
4	Multiple												
5	Not documented												
655	vad	VAD(retired v2.61) <i>Indicate whether a ventricular assist device (VAD) was implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No						
1	Yes												
2	No												

656	vadproc	VAD Implanted or Removed(retired v2.81) <i>Indicate whether a VAD was implanted or removed during this hospitalization.</i>	radio <table border="1"> <tr><td>5</td><td>Yes</td></tr> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Yes, implanted</td></tr> <tr><td>3</td><td>Yes, explanted</td></tr> <tr><td>4</td><td>Yes, implanted and explanted</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 2130</p>	5	Yes	1	No	2	Yes, implanted	3	Yes, explanted	4	Yes, implanted and explanted				
5	Yes																
1	No																
2	Yes, implanted																
3	Yes, explanted																
4	Yes, implanted and explanted																
657	operative_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete								
0	Incomplete																
1	Unverified																
2	Complete																
Instrument: Coronary Bypass (coronary_bypass)			^ Collapse														
658	cabhybrpci	Hybrid Procedure CAB PCI(retired v2.73) <i>Indicate whether a hybrid coronary surgical and interventional cardiology procedure was performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No										
1	Yes																
2	No																
659	hybrstat	Hybrid Status(retired v2.73) <i>Indicate Status of Hybrid procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Planned - concurrent</td></tr> <tr><td>2</td><td>Planned - staged</td></tr> <tr><td>3</td><td>Unplanned</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Planned - concurrent	2	Planned - staged	3	Unplanned								
1	Planned - concurrent																
2	Planned - staged																
3	Unplanned																
660	hybrproc	Hybrid Procedure(retired v2.73) <i>Indicate PCI Procedure performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Angioplasty</td></tr> <tr><td>2</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Angioplasty	2	Stent										
1	Angioplasty																
2	Stent																
661	imaused	Internal Mammary Artery Used <i>Indicate whether an internal mammary artery conduit was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 2626</p>	1	Yes	2	No										
1	Yes																
2	No																
662	noimarsn	Reason for No IMA <i>Indicate PRIMARY reason Internal Mammary artery was not used as documented in medical record.</i>	dropdown <table border="1"> <tr><td>1</td><td>The IMA is not a suitable conduit due to size or flow</td></tr> <tr><td>2</td><td>Subclavian stenosis</td></tr> <tr><td>3</td><td>Previous cardiac or thoracic surgery</td></tr> <tr><td>4</td><td>Previous mediastinal radiation</td></tr> <tr><td>5</td><td>Emergent or salvage procedure</td></tr> <tr><td>6</td><td>No LAD disease</td></tr> <tr><td>7</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	The IMA is not a suitable conduit due to size or flow	2	Subclavian stenosis	3	Previous cardiac or thoracic surgery	4	Previous mediastinal radiation	5	Emergent or salvage procedure	6	No LAD disease	7	Other
1	The IMA is not a suitable conduit due to size or flow																
2	Subclavian stenosis																
3	Previous cardiac or thoracic surgery																
4	Previous mediastinal radiation																
5	Emergent or salvage procedure																
6	No LAD disease																
7	Other																
663	numimada	IMA Dist Anast # <i>Indicate the total number of distal anastomoses done using IMA grafts.</i>	text Field Annotation: all versions														
664	distart	Dist Anast - Art #(retired v2.81) <i>Indicate the total number of distal anastomoses with arterial conduits, whether IMA, GEPA, radial artery, etc.</i>	text Field Annotation: v2.81 SeqNo. 2625														

665	imaartus	IMA Artery Used(retired v2.81) <i>Indicate which, if any, Internal Mammary Artery (ies) (IMA) were used for grafts.</i>	radio <table border="1"> <tr><td>1</td><td>Left IMA</td></tr> <tr><td>2</td><td>Right IMA</td></tr> <tr><td>3</td><td>Both IMAs</td></tr> <tr><td>4</td><td>No IMA</td></tr> </table> Field Annotation: v2.81 SeqNo. 2669	1	Left IMA	2	Right IMA	3	Both IMAs	4	No IMA
1	Left IMA										
2	Right IMA										
3	Both IMAs										
4	No IMA										
666	imatechn	IMA Harvest Technique(retired v2.81) <i>Indicate the technique of IMA harvest.</i>	radio <table border="1"> <tr><td>2</td><td>Direct Vision (open)</td></tr> <tr><td>3</td><td>Thoracoscopy</td></tr> <tr><td>4</td><td>Combination</td></tr> <tr><td>5</td><td>Robotic Assisted</td></tr> </table> Field Annotation: v2.81 SeqNo. 2670	2	Direct Vision (open)	3	Thoracoscopy	4	Combination	5	Robotic Assisted
2	Direct Vision (open)										
3	Thoracoscopy										
4	Combination										
5	Robotic Assisted										
667	numradartus	Number of Radial Arteries Used(retired v2.81) <i>Indicate the number of radial artery(ies) that were used for grafts.</i>	text Field Annotation: v2.81 SeqNo. 2675								
668	leftima	Left IMA Used <i>Indicate whether the left internal mammary was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes, pedicle</td></tr> <tr><td>2</td><td>Yes, skeletonized</td></tr> <tr><td>3</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2629	1	Yes, pedicle	2	Yes, skeletonized	3	No		
1	Yes, pedicle										
2	Yes, skeletonized										
3	No										
669	limaharvtech	Left IMA Harvest Technique <i>Indicate the harvest technique used for the left internal mammary</i>	radio <table border="1"> <tr><td>1</td><td>Direct Vision (open)</td></tr> <tr><td>2</td><td>Thoracoscopy</td></tr> <tr><td>3</td><td>Combination</td></tr> <tr><td>4</td><td>Robotic Assist</td></tr> </table> Field Annotation: v2.9 SeqNo. 2630	1	Direct Vision (open)	2	Thoracoscopy	3	Combination	4	Robotic Assist
1	Direct Vision (open)										
2	Thoracoscopy										
3	Combination										
4	Robotic Assist										
670	rightima	Right IMA Used <i>Indicate whether the right internal mammary was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes, pedicle</td></tr> <tr><td>2</td><td>Yes, skeltonized</td></tr> <tr><td>3</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2631	1	Yes, pedicle	2	Yes, skeltonized	3	No		
1	Yes, pedicle										
2	Yes, skeltonized										
3	No										
671	saphhrvstt	Saphenous Vein Harvest Time(retired v2.73) <i>Indicate the total time in minutes for saphenous vein harvest.</i>	text Field Annotation: v2.73								
672	rimaharvtech	Right IMA Harvest Technique <i>Indicate the harvest technique used for the right internal mammary</i>	radio <table border="1"> <tr><td>1</td><td>Direct Vision (open)</td></tr> <tr><td>2</td><td>Thoracoscopy</td></tr> <tr><td>3</td><td>Combination</td></tr> <tr><td>4</td><td>Robotic Assist</td></tr> </table> Field Annotation: v2.9 SeqNo. 2632	1	Direct Vision (open)	2	Thoracoscopy	3	Combination	4	Robotic Assist
1	Direct Vision (open)										
2	Thoracoscopy										
3	Combination										
4	Robotic Assist										
673	saphprept	Saphenous Vein Preparation Time(retired v2.73) <i>Indicate the total amount of vein preparation time (e.g., side branch ligation, etc.) in minutes.</i>	text Field Annotation: v2.73								
674	radialartused	Radial Artery Used <i>Indicate whether a radial artery conduit was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2633	1	Yes	2	No				
1	Yes										
2	No										
675	numradda	Radial Dist Anast # <i>Indicate the total number of distal anastomoses done using radial artery grafts.</i>	text Field Annotation: all versions								

676	radhtech	Radial Dist Anast Harvest Technique <i>Indicate the technique used to harvest the radial artery(s).</i>	radio <table border="1"> <tr><td>1</td><td>Endoscopic</td></tr> <tr><td>2</td><td>Direct Vision (open)</td></tr> <tr><td>3</td><td>Both</td></tr> </table> Field Annotation: v2.61	1	Endoscopic	2	Direct Vision (open)	3	Both		
1	Endoscopic										
2	Direct Vision (open)										
3	Both										
677	radharvpreptm	Radial Artery Harvest and Preparation Time <i>Indicate the total time for radial artery harvest and preparation.</i>	text Field Annotation: v2.81 SeqNo. 2636								
678	venouscondused	Venous Conduit(s) Used <i>Indicate whether a venous conduit was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 2637	1	Yes	2	No				
1	Yes										
2	No										
679	radartus	Radial Artery Used(retired v2.61) <i>Indicate which radial artery(ies) was/were used for grafts No Radial artery Left Radial artery Right Radial artery Both Radial arteries</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No				
1	Yes										
2	No										
680	distvein	Dist Anast - Vein # <i>Indicate the total number of distal anastomoses with venous conduits.</i>	text Field Annotation: all versions								
681	distveinhtech	Dist Anast - Vein Harvest Technique <i>Indicate the technique used to harvest the vein graft(s).</i>	radio <table border="1"> <tr><td>1</td><td>Endoscopic</td></tr> <tr><td>2</td><td>Direct Vision (open)</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Cryopreserved</td></tr> </table> Field Annotation: v2.61	1	Endoscopic	2	Direct Vision (open)	3	Both	4	Cryopreserved
1	Endoscopic										
2	Direct Vision (open)										
3	Both										
4	Cryopreserved										
682	saphharpreptm	Saphenous Vein Harvest And Preparation Time <i>Indicate the total time for saphenous vein harvest and preparation.</i>	text Field Annotation: v2.81 SeqNo. 2640								
683	numoartd	Other Arterial Distal Anastomoses # <i>Indicate the number of arterial distal anastomoses that were used, other than radial or IMA.</i>	text Field Annotation: v2.52.1								
684	radhrvstt	Radial Artery Harvest Time(retired v2.73) <i>Indicate the total time in minutes for radial artery harvesting.</i>	text Field Annotation: v2.73								
685	radprept	Radial Artery Preparation Time (retired 2.73) <i>Indicate the total amount of artery preparation time (e.g., side branch ligation, etc.) in minutes.</i>	text (number, Min: 1, Max: 60) Field Annotation: v2.73								
686	numartvencomp	Number Of Distal Anastomoses With Arterial-Venous Composite Conduits <i>Indicate the number of distal anastomoses with arterial-venous composite conduits</i>	text Field Annotation: v2.9 SeqNo. 2650								
687	numvenartcomp	Number Of Distal Anastomoses With Venous-Arterial Composite Conduits <i>Indicate the number of distal anastomoses with venous-arterial composite conduits</i>	text Field Annotation: v2.9 SeqNo. 2651								
688	numgepda	GEPA Dist Anast #(retired v2.61) <i>Indicate the total number of distal anastomoses done using gastro-epiploic artery grafts.</i>	text Field Annotation: v2.61								
689	numartartcomp	Number Of Distal Anastomoses With Arterial-Arterial Composite Conduits <i>Indicate the number of distal anastomoses with arterial-arterial composite conduits</i>	text Field Annotation: v2.9 SeqNo. 2652								
690	proxtech	Proximal Technique <i>Indicate the technique employed for proximal graft anastomosis.</i>	dropdown <table border="1"> <tr><td>1</td><td>Single Cross Clamp</td></tr> <tr><td>2</td><td>Partial Occlusion Clamp</td></tr> <tr><td>3</td><td>Anastomotic Assist Device</td></tr> <tr><td>4</td><td>None (Isolated in situ mammary)</td></tr> </table> Field Annotation: v2.81 SeqNo. 2710	1	Single Cross Clamp	2	Partial Occlusion Clamp	3	Anastomotic Assist Device	4	None (Isolated in situ mammary)
1	Single Cross Clamp										
2	Partial Occlusion Clamp										
3	Anastomotic Assist Device										
4	None (Isolated in situ mammary)										

691	anasdevu	Anastomotic Device Used(retired v2.61) <i>Indicate whether an anastomotic device/material was used for proximal or distal anastomoses such as glue, magnets, clips, stapler, etc. Exclude sutures.</i>	dropdown <table border="1" data-bbox="1042 113 1117 191"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No																														
1	Yes																																				
2	No																																				
692	anasdev	Anastomotic Device(retired v2.61) <i>Indicate which type of anastomotic device was used. If more than one device used, indicate device used on Distal Anastomosis.</i>	dropdown <table border="1" data-bbox="1042 285 1117 363"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No																														
1	Yes																																				
2	No																																				
693	cabdistsite01	CAB Distal Site 01 <i>Indicate distal insertion site of bypass.</i>	dropdown <table border="1" data-bbox="1042 459 1346 1142"> <tr><td>15</td><td>Left Main</td></tr> <tr><td>5</td><td>Prox LAD</td></tr> <tr><td>6</td><td>Mid LAD</td></tr> <tr><td>7</td><td>Distal LAD</td></tr> <tr><td>8</td><td>Diagonal 1</td></tr> <tr><td>9</td><td>Diagonal 2</td></tr> <tr><td>16</td><td>Diagonal 3</td></tr> <tr><td>17</td><td>Circumflex</td></tr> <tr><td>11</td><td>Obtuse Marginal 1</td></tr> <tr><td>12</td><td>Obtuse Marginal 2</td></tr> <tr><td>13</td><td>Obtuse Marginal 3</td></tr> <tr><td>10</td><td>Ramus</td></tr> <tr><td>1</td><td>RCA</td></tr> <tr><td>2</td><td>Acute Marginal (AM)</td></tr> <tr><td>3</td><td>Posterior Descending (PDA)</td></tr> <tr><td>4</td><td>Posterolateral (PLB)</td></tr> <tr><td>14</td><td>Other</td></tr> </table> Field Annotation: v2.73	15	Left Main	5	Prox LAD	6	Mid LAD	7	Distal LAD	8	Diagonal 1	9	Diagonal 2	16	Diagonal 3	17	Circumflex	11	Obtuse Marginal 1	12	Obtuse Marginal 2	13	Obtuse Marginal 3	10	Ramus	1	RCA	2	Acute Marginal (AM)	3	Posterior Descending (PDA)	4	Posterolateral (PLB)	14	Other
15	Left Main																																				
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3	Posterior Descending (PDA)																																				
4	Posterolateral (PLB)																																				
14	Other																																				
694	cabdisloc01	CAB Native Coronary Disease Location 01(retired v2.73) <i>Indicate the native coronary disease location.</i>	dropdown <table border="1" data-bbox="1042 1236 1219 1839"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> Field Annotation: v2.73	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus				
1	Left Main																																				
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7	Circumflex																																				
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9	OM 2																																				
10	OM 3																																				
11	RCA																																				
12	PDA																																				
13	PLB																																				
14	AM branches																																				
15	Ramus																																				

695	cabproximalsite01	CAB Proximal Site 01 <i>Indicate proximal site of the bypass graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>In Situ Mammary</td></tr> <tr><td>2</td><td>Ascending aorta</td></tr> <tr><td>3</td><td>Descending aorta</td></tr> <tr><td>4</td><td>Subclavian artery</td></tr> <tr><td>5</td><td>Innominate artery</td></tr> <tr><td>6</td><td>T-graft off SVG</td></tr> <tr><td>7</td><td>T-graft off Radial</td></tr> <tr><td>8</td><td>T-graft off LIMA</td></tr> <tr><td>9</td><td>T-graft off RIMA</td></tr> <tr><td>10</td><td>Natural Y vein graft</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	In Situ Mammary	2	Ascending aorta	3	Descending aorta	4	Subclavian artery	5	Innominate artery	6	T-graft off SVG	7	T-graft off Radial	8	T-graft off LIMA	9	T-graft off RIMA	10	Natural Y vein graft	11	Other
1	In Situ Mammary																								
2	Ascending aorta																								
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8	T-graft off LIMA																								
9	T-graft off RIMA																								
10	Natural Y vein graft																								
11	Other																								
696	cabpctsten01	CAB Highest Percent Stenosis In Native Vessel 01(retired v2.73) <i>Indicate the highest percentage of stenosis found in the native vessel.</i>	text Field Annotation: v2.73																						
697	cabconduit01	CAB Conduit 01 <i>Indicate the conduit type used.</i>	dropdown <table border="1"> <tr><td>1</td><td>Vein graft</td></tr> <tr><td>2</td><td>In Situ LIMA</td></tr> <tr><td>3</td><td>In Situ RIMA</td></tr> <tr><td>4</td><td>Free IMA</td></tr> <tr><td>8</td><td>Composite artery-vein</td></tr> <tr><td>5</td><td>Radial artery</td></tr> <tr><td>6</td><td>Other arteries, homograft</td></tr> <tr><td>7</td><td>Synthetic graft</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Vein graft	2	In Situ LIMA	3	In Situ RIMA	4	Free IMA	8	Composite artery-vein	5	Radial artery	6	Other arteries, homograft	7	Synthetic graft						
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698	cabprevcon01	CAB Previous Conduit 01(retired v2.73) <i>Indicate presence of coronary artery bypass conduit for this vessel and whether or not it is diseased.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes - Diseased</td></tr> <tr><td>2</td><td>Yes - No disease</td></tr> <tr><td>3</td><td>No previous conduit</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes - Diseased	2	Yes - No disease	3	No previous conduit																
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703	cab02	CAB 02 <i>Indicate whether a second Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																														
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709	cabhypci01	CAB Hybrid PCI 01 (retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent																
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711	cabveinpatang02	CAB Vein Patch Angioplasty 02 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 2825</p>	1	Yes	2	No																		
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712	cabdisloc02	CAB Native Coronary Disease Location 02(retired v2.73) <i>Indicate the native coronary disease location.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus				
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724	cab04	CAB 04 <i>Indicate whether a fourth Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																														
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743	cabveinpatang05	CAB Vein Patch Angioplasty 05 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3005</p>	1	Yes	2	No												
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754	cabveinpatang06	CAB Vein Patch Angioplasty 06 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3065</p>	1	Yes	2	No																										
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755	cabdisttech04	CAB Distal Technique 04(retired v2.73) <i>Indicate technique used for distal anastomosis.</i>	dropdown <table border="1"> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Clips</td></tr> <tr><td>4</td><td>Anastomotic Device</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Running	2	Interrupted	3	Clips	4	Anastomotic Device																										
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756	cab07	CAB 07 <i>Indicate whether a seventh Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																														
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757	cabdistsite07	CAB Distal Site 07 <i>Indicate distal insertion site of bypass.</i>	dropdown <table border="1"> <tr><td>15</td><td>Left Main</td></tr> <tr><td>5</td><td>Prox LAD</td></tr> <tr><td>6</td><td>Mid LAD</td></tr> <tr><td>7</td><td>Distal LAD</td></tr> <tr><td>8</td><td>Diagonal 1</td></tr> <tr><td>9</td><td>Diagonal 2</td></tr> <tr><td>16</td><td>Diagonal 3</td></tr> <tr><td>17</td><td>Circumflex</td></tr> <tr><td>11</td><td>Obtuse Marginal 1</td></tr> <tr><td>12</td><td>Obtuse Marginal 2</td></tr> <tr><td>13</td><td>Obtuse Marginal 3</td></tr> <tr><td>10</td><td>Ramus</td></tr> <tr><td>1</td><td>RCA</td></tr> <tr><td>2</td><td>Acute Marginal (AM)</td></tr> <tr><td>3</td><td>Posterior Descending (PDA)</td></tr> <tr><td>4</td><td>Posterolateral (PLB)</td></tr> <tr><td>14</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	15	Left Main	5	Prox LAD	6	Mid LAD	7	Distal LAD	8	Diagonal 1	9	Diagonal 2	16	Diagonal 3	17	Circumflex	11	Obtuse Marginal 1	12	Obtuse Marginal 2	13	Obtuse Marginal 3	10	Ramus	1	RCA	2	Acute Marginal (AM)	3	Posterior Descending (PDA)	4	Posterolateral (PLB)	14	Other
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758	cabproxtech04	CAB Proximal Technique 04(retired v2.73) <i>Indicate technique used for proximal anastomosis.</i>	dropdown <table border="1"> <tr><td>5</td><td>In Situ Mammary</td></tr> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Anastomotic Device</td></tr> <tr><td>4</td><td>Anastomotic Assist Device</td></tr> </table> <p>Field Annotation: v2.73</p>	5	In Situ Mammary	1	Running	2	Interrupted	3	Anastomotic Device	4	Anastomotic Assist Device																								
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759	cabproximalsite07	CAB Proximal Site 07 <i>Indicate proximal site of the bypass graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>In Situ Mammary</td></tr> <tr><td>2</td><td>Ascending aorta</td></tr> <tr><td>3</td><td>Descending aorta</td></tr> <tr><td>4</td><td>Subclavian artery</td></tr> <tr><td>5</td><td>Innominate artery</td></tr> <tr><td>6</td><td>T-graft off SVG</td></tr> <tr><td>7</td><td>T-graft off Radial</td></tr> <tr><td>8</td><td>T-graft off LIMA</td></tr> <tr><td>9</td><td>T-graft off RIMA</td></tr> <tr><td>10</td><td>Natural Y vein graft</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	In Situ Mammary	2	Ascending aorta	3	Descending aorta	4	Subclavian artery	5	Innominate artery	6	T-graft off SVG	7	T-graft off Radial	8	T-graft off LIMA	9	T-graft off RIMA	10	Natural Y vein graft	11	Other
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760	cabconduit07	CAB Conduit 07 <i>Indicate the conduit type used.</i>	dropdown <table border="1"> <tr><td>1</td><td>Vein graft</td></tr> <tr><td>2</td><td>In Situ LIMA</td></tr> <tr><td>3</td><td>In Situ RIMA</td></tr> <tr><td>4</td><td>Free IMA</td></tr> <tr><td>8</td><td>Composite artery-vein</td></tr> <tr><td>5</td><td>Radial artery</td></tr> <tr><td>6</td><td>Other arteries, homograft</td></tr> <tr><td>7</td><td>Synthetic graft</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Vein graft	2	In Situ LIMA	3	In Situ RIMA	4	Free IMA	8	Composite artery-vein	5	Radial artery	6	Other arteries, homograft	7	Synthetic graft						
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762	cabendart07	CAB Endarterectomy 07 <i>Indicate whether endarterectomy was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																		
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763	cabhypci04	CAB Hybrid PCI 04(retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent																
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764	cabveinpatang07	CAB Vein Patch Angioplasty 07 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3125</p>	1	Yes	2	No																		
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765	cab08	CAB 08 <i>Indicate whether an eighth Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																		
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766	cabdisloc05	<p>CAB Native Coronary Disease Location 05(retired v2.73) <i>Indicate the native coronary disease location.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus				
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768	cabpctsten05	<p>CAB Highest Percent Stenosis In Native Vessel 05(retired v2.73) <i>Indicate the highest percentage of stenosis found in the native vessel.</i></p>	<p>text Field Annotation: v2.73</p>																																		

769	cabproximalsite08	CAB Proximal Site 08 <i>Indicate proximal site of the bypass graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>In Situ Mammary</td></tr> <tr><td>2</td><td>Ascending aorta</td></tr> <tr><td>3</td><td>Descending aorta</td></tr> <tr><td>4</td><td>Subclavian artery</td></tr> <tr><td>5</td><td>Innominate artery</td></tr> <tr><td>6</td><td>T-graft off SVG</td></tr> <tr><td>7</td><td>T-graft off Radial</td></tr> <tr><td>8</td><td>T-graft off LIMA</td></tr> <tr><td>9</td><td>T-graft off RIMA</td></tr> <tr><td>10</td><td>Natural Y vein graft</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	In Situ Mammary	2	Ascending aorta	3	Descending aorta	4	Subclavian artery	5	Innominate artery	6	T-graft off SVG	7	T-graft off Radial	8	T-graft off LIMA	9	T-graft off RIMA	10	Natural Y vein graft	11	Other
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770	cabprevcon05	CAB Previous Conduit 05(retired v2.73) <i>Indicate presence of coronary artery bypass conduit for this vessel and whether or not it is diseased.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes - Diseased</td></tr> <tr><td>2</td><td>Yes - No disease</td></tr> <tr><td>3</td><td>No previous conduit</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes - Diseased	2	Yes - No disease	3	No previous conduit																
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775	cabveinpatang08	CAB Vein Patch Angioplasty 08 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3185</p>	1	Yes	2	No																		
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777	cab09	CAB 09 <i>Indicate whether a ninth Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																														
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781	cabhypci05	CAB Hybrid PCI 05(retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent																								
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783	cabendart09	CAB Endarterectomy 09 <i>Indicate whether endarterectomy was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																										
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784	cabdisloc06	CAB Native Coronary Disease Location 06(retired v2.73) <i>Indicate the native coronary disease location.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus
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786	cabpctsten06	CAB Highest Percent Stenosis In Native Vessel 06(retired v2.73) <i>Indicate the highest percentage of stenosis found in the native vessel.</i>	text <p>Field Annotation: v2.73</p>																														

787	cab10	CAB 10 <i>Indicate whether a tenth Coronary Artery Bypass graft was done.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.73	1	Yes	2	No																														
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788	cabprevcon06	CAB Previous Conduit 06(retired v2.73) <i>Indicate presence of coronary artery bypass conduit for this vessel and whether or not it is diseased.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes - Diseased</td> </tr> <tr> <td>2</td> <td>Yes - No disease</td> </tr> <tr> <td>3</td> <td>No previous conduit</td> </tr> </table> Field Annotation: v2.73	1	Yes - Diseased	2	Yes - No disease	3	No previous conduit																												
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789	cabdistsite10	CAB Distal Site 10 <i>Indicate distal insertion site of bypass.</i>	dropdown <table border="1"> <tr> <td>15</td> <td>Left Main</td> </tr> <tr> <td>5</td> <td>Prox LAD</td> </tr> <tr> <td>6</td> <td>Mid LAD</td> </tr> <tr> <td>7</td> <td>Distal LAD</td> </tr> <tr> <td>8</td> <td>Diagonal 1</td> </tr> <tr> <td>9</td> <td>Diagonal 2</td> </tr> <tr> <td>16</td> <td>Diagonal 3</td> </tr> <tr> <td>17</td> <td>Circomflex</td> </tr> <tr> <td>11</td> <td>Obtuse Marginal 1</td> </tr> <tr> <td>12</td> <td>Obtuse Marginal 2</td> </tr> <tr> <td>13</td> <td>Obtuse Marginal 3</td> </tr> <tr> <td>10</td> <td>Ramus</td> </tr> <tr> <td>1</td> <td>RCA</td> </tr> <tr> <td>2</td> <td>Acute Marginal (AM)</td> </tr> <tr> <td>3</td> <td>Posterior Descending (PDA)</td> </tr> <tr> <td>4</td> <td>Posterolateral (PLB)</td> </tr> <tr> <td>14</td> <td>Other</td> </tr> </table> Field Annotation: v2.73	15	Left Main	5	Prox LAD	6	Mid LAD	7	Distal LAD	8	Diagonal 1	9	Diagonal 2	16	Diagonal 3	17	Circomflex	11	Obtuse Marginal 1	12	Obtuse Marginal 2	13	Obtuse Marginal 3	10	Ramus	1	RCA	2	Acute Marginal (AM)	3	Posterior Descending (PDA)	4	Posterolateral (PLB)	14	Other
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790	cabproximalsite10	CAB Proximal Site 10 <i>Indicate proximal site of the bypass graft.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>In Situ Mammary</td> </tr> <tr> <td>2</td> <td>Ascending aorta</td> </tr> <tr> <td>3</td> <td>Descending aorta</td> </tr> <tr> <td>4</td> <td>Subclavian artery</td> </tr> <tr> <td>5</td> <td>Innominate artery</td> </tr> <tr> <td>6</td> <td>T-graft off SVG</td> </tr> <tr> <td>7</td> <td>T-graft off Radial</td> </tr> <tr> <td>8</td> <td>T-graft off LIMA</td> </tr> <tr> <td>9</td> <td>T-graft off RIMA</td> </tr> <tr> <td>10</td> <td>Natural Y vein graft</td> </tr> <tr> <td>11</td> <td>Other</td> </tr> </table> Field Annotation: v2.73	1	In Situ Mammary	2	Ascending aorta	3	Descending aorta	4	Subclavian artery	5	Innominate artery	6	T-graft off SVG	7	T-graft off Radial	8	T-graft off LIMA	9	T-graft off RIMA	10	Natural Y vein graft	11	Other												
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791	cabdisttech06	CAB Distal Technique 06(retired v2.73) <i>Indicate technique used for distal anastomosis.</i>	dropdown <table border="1"> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Clips</td></tr> <tr><td>4</td><td>Anastomotic Device</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Running	2	Interrupted	3	Clips	4	Anastomotic Device								
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792	cabconduit10	CAB Conduit 10 <i>Indicate the conduit type used.</i>	dropdown <table border="1"> <tr><td>1</td><td>Vein graft</td></tr> <tr><td>2</td><td>In Situ LIMA</td></tr> <tr><td>3</td><td>In Situ RIMA</td></tr> <tr><td>4</td><td>Free IMA</td></tr> <tr><td>8</td><td>Composite artery-vein</td></tr> <tr><td>5</td><td>Radial artery</td></tr> <tr><td>6</td><td>Other arteries, homograft</td></tr> <tr><td>7</td><td>Synthetic graft</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Vein graft	2	In Situ LIMA	3	In Situ RIMA	4	Free IMA	8	Composite artery-vein	5	Radial artery	6	Other arteries, homograft	7	Synthetic graft
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795	cabendart10	CAB Endarterectomy 10 <i>Indicate whether endarterectomy was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No												
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796	cabveinpatang10	CAB Vein Patch Angioplasty 10 <i>Indicate whether a vein patch angioplasty was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3305</p>	1	Yes	2	No												
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797	cabhypci06	CAB Hybrid PCI 06(retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent										
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798	cabdisloc07	CAB Native Coronary Disease Location 07(retired v2.73) <i>Indicate the native coronary disease location.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus
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799	cabpctsten07	CAB Highest Percent Stenosis In Native Vessel 07(retired v2.73) <i>Indicate the highest percentage of stenosis found in the native vessel.</i>	text Field Annotation: v2.73																														
800	cabprevcon07	CAB Previous Conduit 07(retired v2.73) <i>Indicate presence of coronary artery bypass conduit for this vessel and whether or not it is diseased.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes - Diseased</td></tr> <tr><td>2</td><td>Yes - No disease</td></tr> <tr><td>3</td><td>No previous conduit</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes - Diseased	2	Yes - No disease	3	No previous conduit																								
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813	cabdisttech09	CAB Distal Technique 09(retired v2.73) <i>Indicate technique used for distal anastomosis.</i>	dropdown <table border="1"> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Clips</td></tr> <tr><td>4</td><td>Anastomotic Device</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Running	2	Interrupted	3	Clips	4	Anastomotic Device																						
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814	cabproxtech09	CAB Proximal Technique 09(retired v2.73) <i>Indicate technique used for proximal anastomosis.</i>	dropdown <table border="1"> <tr><td>5</td><td>In Situ Mammary</td></tr> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Anastomotic Device</td></tr> <tr><td>4</td><td>Anastomotic Assist Device</td></tr> </table> <p>Field Annotation: v2.73</p>	5	In Situ Mammary	1	Running	2	Interrupted	3	Anastomotic Device	4	Anastomotic Assist Device																				
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3	Anastomotic Device																																
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815	cabhypci09	CAB Hybrid PCI 09(retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent																								
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3	Stent																																

816	cabdisloc10	CAB Native Coronary Disease Location 10(retired v2.73) <i>Indicate the native coronary disease location.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Main</td></tr> <tr><td>2</td><td>Proximal LAD</td></tr> <tr><td>3</td><td>Mid LAD</td></tr> <tr><td>4</td><td>Distal LAD</td></tr> <tr><td>5</td><td>Diagonal 1</td></tr> <tr><td>6</td><td>Diagonal 2</td></tr> <tr><td>7</td><td>Circumflex</td></tr> <tr><td>8</td><td>OM 1</td></tr> <tr><td>9</td><td>OM 2</td></tr> <tr><td>10</td><td>OM 3</td></tr> <tr><td>11</td><td>RCA</td></tr> <tr><td>12</td><td>PDA</td></tr> <tr><td>13</td><td>PLB</td></tr> <tr><td>14</td><td>AM branches</td></tr> <tr><td>15</td><td>Ramus</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Left Main	2	Proximal LAD	3	Mid LAD	4	Distal LAD	5	Diagonal 1	6	Diagonal 2	7	Circumflex	8	OM 1	9	OM 2	10	OM 3	11	RCA	12	PDA	13	PLB	14	AM branches	15	Ramus
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817	cabpctsten10	CAB Highest Percent Stenosis In Native Vessel 10(retired v2.73) <i>Indicate the highest percentage of stenosis found in the native vessel.</i>	text Field Annotation: v2.73																														
818	cabprevcon10	CAB Previous Conduit 10(retired v2.73) <i>Indicate presence of coronary artery bypass conduit for this vessel and whether or not it is diseased.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes - Diseased</td></tr> <tr><td>2</td><td>Yes - No disease</td></tr> <tr><td>3</td><td>No previous conduit</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes - Diseased	2	Yes - No disease	3	No previous conduit																								
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819	cabdisttech10	CAB Distal Technique 10(retired v2.73) <i>Indicate technique used for distal anastomosis.</i>	dropdown <table border="1"> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Clips</td></tr> <tr><td>4</td><td>Anastomotic Device</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Running	2	Interrupted	3	Clips	4	Anastomotic Device																						
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820	cabproxtech10	CAB Proximal Technique 10(retired v2.73) <i>Indicate technique used for proximal anastomosis.</i>	dropdown <table border="1"> <tr><td>5</td><td>In Situ Mammary</td></tr> <tr><td>1</td><td>Running</td></tr> <tr><td>2</td><td>Interrupted</td></tr> <tr><td>3</td><td>Anastomotic Device</td></tr> <tr><td>4</td><td>Anastomotic Assist Device</td></tr> </table> <p>Field Annotation: v2.73</p>	5	In Situ Mammary	1	Running	2	Interrupted	3	Anastomotic Device	4	Anastomotic Assist Device																				
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821	cabhypci10	CAB Hybrid PCI 10(retired v2.73) <i>Indicate whether hybrid PCI (Percutaneous Coronary Intervention) procedure was performed in conjunction with this graft.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Angioplasty</td></tr> <tr><td>3</td><td>Stent</td></tr> </table> <p>Field Annotation: v2.73</p>	1	No	2	Angioplasty	3	Stent																								
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822	coronary_bypass_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																								
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Instrument: Valve Surgery (valve_surgery) ^ Collapse																											
823	valexp	Valve Prosthesis Explant <i>Indicate whether a prosthetic valve or annuloplasty was explanted during this procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No																				
1	Yes																										
2	No																										
824	valexppos	Valve Prosthesis Explant Position <i>Indicate the location of the first explanted prosthetic valve or annuloplasty device.</i>	dropdown <table border="1"> <tr><td>1</td><td>Aortic</td></tr> <tr><td>2</td><td>Mitral</td></tr> <tr><td>3</td><td>Tricuspid</td></tr> <tr><td>4</td><td>Pulmonic</td></tr> </table> Field Annotation: v2.73	1	Aortic	2	Mitral	3	Tricuspid	4	Pulmonic																
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825	valexptyp	Valve Explant Type <i>Indicate the first type of valve device explanted or enter unknown.</i>	dropdown <table border="1"> <tr><td>2</td><td>Mechanical Valve</td></tr> <tr><td>5</td><td>Leaflet clip</td></tr> <tr><td>3</td><td>Bioprosthetic Valve</td></tr> <tr><td>6</td><td>Transcatheter Device</td></tr> <tr><td>7</td><td>Homograft</td></tr> <tr><td>9</td><td>Other</td></tr> <tr><td>4</td><td>Annuloplasty Device</td></tr> <tr><td>1</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	2	Mechanical Valve	5	Leaflet clip	3	Bioprosthetic Valve	6	Transcatheter Device	7	Homograft	9	Other	4	Annuloplasty Device	1	Unknown								
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826	valexpet	Valve Explant Etiology <i>Indicate the primary reason for explanting valve device.</i>	dropdown <table border="1"> <tr><td>1</td><td>Endocarditis</td></tr> <tr><td>2</td><td>Failed repair</td></tr> <tr><td>3</td><td>Hemolysis</td></tr> <tr><td>4</td><td>Incompetence</td></tr> <tr><td>5</td><td>Pannus</td></tr> <tr><td>6</td><td>Para-valvular leak</td></tr> <tr><td>7</td><td>Prosthetic deterioration</td></tr> <tr><td>8</td><td>Sizing/positioning issue</td></tr> <tr><td>9</td><td>Stenosis</td></tr> <tr><td>10</td><td>Thrombosis</td></tr> <tr><td>11</td><td>Other</td></tr> <tr><td>12</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 3325	1	Endocarditis	2	Failed repair	3	Hemolysis	4	Incompetence	5	Pannus	6	Para-valvular leak	7	Prosthetic deterioration	8	Sizing/positioning issue	9	Stenosis	10	Thrombosis	11	Other	12	Unknown
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827	valexpdevknown	Valve Explant Device Known <i>Indicate whether the type of explanted valve device is known.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3330	1	Yes	2	No																				
1	Yes																										
2	No																										
828	valexpdev	Valve Explant Device <i>Indicate the model number of the first prosthesis explanted.</i>	text Field Annotation: v2.73																								
829	valexpudi	Valve Explant Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3340																								
830	valexpman	Valve Explant Manufacturer(retired v2.73) <i>Indicate the name of the manufacturer of the first prosthesis explanted.</i>	text Field Annotation: v2.73																								

831	valexp2	Second Valve Prosthesis Explant <i>Indicate whether a second prosthetic valve or annuloplasty was explanted during this procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No																				
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832	valexppos2	Second Valve Prosthesis Explant Position <i>Indicate the location of the second explanted prosthetic valve or annuloplasty.</i>	dropdown <table border="1"> <tr><td>1</td><td>Aortic</td></tr> <tr><td>2</td><td>Mitral</td></tr> <tr><td>3</td><td>Tricuspid</td></tr> <tr><td>4</td><td>Pulmonic</td></tr> </table> Field Annotation: v2.73	1	Aortic	2	Mitral	3	Tricuspid	4	Pulmonic																
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833	valexptyp2	Second Valve Explant Type <i>Indicate the second type of valve device explanted or enter unknown.</i>	dropdown <table border="1"> <tr><td>2</td><td>Mechanical Valve</td></tr> <tr><td>5</td><td>Leaflet clip</td></tr> <tr><td>3</td><td>Bioprosthetic Valve</td></tr> <tr><td>6</td><td>Transcatheter Device</td></tr> <tr><td>7</td><td>Homograft</td></tr> <tr><td>9</td><td>Other</td></tr> <tr><td>4</td><td>Annuloplasty Device</td></tr> <tr><td>1</td><td>Unknown</td></tr> </table> Field Annotation: v2.73	2	Mechanical Valve	5	Leaflet clip	3	Bioprosthetic Valve	6	Transcatheter Device	7	Homograft	9	Other	4	Annuloplasty Device	1	Unknown								
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834	valexpet2	Second Valve Explant Etiology <i>Indicate the primary reason for explanting valve device.</i>	dropdown <table border="1"> <tr><td>1</td><td>Endocarditis</td></tr> <tr><td>2</td><td>Failed repair</td></tr> <tr><td>3</td><td>Hemolysis</td></tr> <tr><td>4</td><td>Incompetence</td></tr> <tr><td>5</td><td>Pannus Formation</td></tr> <tr><td>6</td><td>Para-valvular leak</td></tr> <tr><td>7</td><td>Prosthetic deterioration</td></tr> <tr><td>8</td><td>Sizing/positioning issue</td></tr> <tr><td>9</td><td>Stenosis</td></tr> <tr><td>10</td><td>Thrombosis</td></tr> <tr><td>11</td><td>Other</td></tr> <tr><td>12</td><td>Unknown</td></tr> </table> Field Annotation: v2.81 SeqNo. 3365	1	Endocarditis	2	Failed repair	3	Hemolysis	4	Incompetence	5	Pannus Formation	6	Para-valvular leak	7	Prosthetic deterioration	8	Sizing/positioning issue	9	Stenosis	10	Thrombosis	11	Other	12	Unknown
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835	valexpdevknown2	Second Valve Explant Device Known <i>Indicate whether the type of explanted valve device is known.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3370	1	Yes	2	No																				
1	Yes																										
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836	valexpdev2	Second Valve Explant Device <i>Indicate the model number of the second prosthesis explanted.</i>	text Field Annotation: v2.73																								
837	valexpdevudi	Second Valve Explant Device Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.82 SeqNo. 3380																								

838	opaortic	<p>VS-Aortic Proc-Procedure (retired v2.61) <i>Indicate whether a surgical procedure was done or not done on the Aortic Valve.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Replacement</td></tr> <tr><td>3</td><td>Repair/Reconstruction</td></tr> <tr><td>4</td><td>Root Reconstruction with Valve Conduit</td></tr> <tr><td>8</td><td>Replacement + Aortic Graft Conduit (not a valve conduit)</td></tr> <tr><td>5</td><td>Root Reconstruction with Valve Sparing</td></tr> <tr><td>9</td><td>Resuspension Aortic Valve with Replacement of Ascending aorta</td></tr> <tr><td>10</td><td>Resuspension Aortic Valve without Replacement of Ascending aorta</td></tr> <tr><td>7</td><td>Resection Sub-Aortic Stenosis</td></tr> </table> <p>Field Annotation: v2.61</p>	1	No	2	Replacement	3	Repair/Reconstruction	4	Root Reconstruction with Valve Conduit	8	Replacement + Aortic Graft Conduit (not a valve conduit)	5	Root Reconstruction with Valve Sparing	9	Resuspension Aortic Valve with Replacement of Ascending aorta	10	Resuspension Aortic Valve without Replacement of Ascending aorta	7	Resection Sub-Aortic Stenosis										
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839	vsav	<p>VS-Aortic Valve <i>Indicate whether an aortic valve procedure was performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No																		
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840	vsavpr	<p>VS-Aortic Valve Procedure <i>Indicate the type of procedure that was performed on the aortic valve and/or ascending aorta. (v2.9 only repair or replace options)</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Replacement</td></tr> <tr><td>2</td><td>Repair / Reconstruction</td></tr> <tr><td>3</td><td>Root Replacement with valved conduit (Bentall)</td></tr> <tr><td>4</td><td>Replacement and insertion aortic non-valved conduit</td></tr> <tr><td>13</td><td>Replacement AV and insertion aortic non-valved conduit in supra-coronary position</td></tr> <tr><td>14</td><td>Replacement AV and major root reconstruction/debridement with valved conduit</td></tr> <tr><td>5</td><td>Resuspension AV without replacement of ascending aorta</td></tr> <tr><td>6</td><td>Resuspension AV with replacement of ascending aorta</td></tr> <tr><td>7</td><td>Pico-Aortic conduit (Aortic valve bypass)</td></tr> <tr><td>8</td><td>Autograft with pulmonary valve (Ross procedure)</td></tr> <tr><td>9</td><td>Homograft root replacement</td></tr> <tr><td>10</td><td>Valve sparing root preimplantation (David)</td></tr> <tr><td>11</td><td>Valve sparing root remodeling (Yacoub)</td></tr> <tr><td>15</td><td>Valve sparing root reconstruction (Florida Sleeve)</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Replacement	2	Repair / Reconstruction	3	Root Replacement with valved conduit (Bentall)	4	Replacement and insertion aortic non-valved conduit	13	Replacement AV and insertion aortic non-valved conduit in supra-coronary position	14	Replacement AV and major root reconstruction/debridement with valved conduit	5	Resuspension AV without replacement of ascending aorta	6	Resuspension AV with replacement of ascending aorta	7	Pico-Aortic conduit (Aortic valve bypass)	8	Autograft with pulmonary valve (Ross procedure)	9	Homograft root replacement	10	Valve sparing root preimplantation (David)	11	Valve sparing root remodeling (Yacoub)	15	Valve sparing root reconstruction (Florida Sleeve)
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841	valexpman2	<p>Second Valve Explant Manufacturer(retired v2.73) <i>Indicate the name of the manufacturer of the second prosthesis explanted.</i></p>	<p>text Field Annotation: v2.73</p>																												

842	vstcv	VS-Aortic Transcatheter Valve Replacement <i>Indicate whether the aortic valve replacement was done using a transcatheter valve device.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
843	vsaoimty	VS-Aortic Proc-Imp-Type(retired v2.61) <i>Indicate the type of implant; choose one None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mechanical</td></tr> <tr><td>3</td><td>Bioprosthesis</td></tr> <tr><td>4</td><td>Homograft</td></tr> <tr><td>5</td><td>Autograft (Ross)</td></tr> <tr><td>6</td><td>Ring/Annuloplasty</td></tr> <tr><td>7</td><td>Band/Annuloplasty</td></tr> </table> Field Annotation: v2.61	1	None	2	Mechanical	3	Bioprosthesis	4	Homograft	5	Autograft (Ross)	6	Ring/Annuloplasty	7	Band/Annuloplasty
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844	vstcvr	VS-Transcatheter Valve Replacement Approach <i>Indicate transcatheter valve replacement approach.</i>	radio <table border="1"> <tr><td>1</td><td>Transapical</td></tr> <tr><td>2</td><td>Transaxillary</td></tr> <tr><td>3</td><td>Transfemoral</td></tr> <tr><td>4</td><td>Transaortic</td></tr> <tr><td>5</td><td>Subclavian</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Transapical	2	Transaxillary	3	Transfemoral	4	Transaortic	5	Subclavian	6	Other		
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845	vsavsurgrep	VS-Aortic Surgical Valve Replacement <i>Indicate whether the aortic valve replacement was done using a surgical procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3407	1	Yes	2	No										
1	Yes																
2	No																
846	vsavsurgtype	VS-Aortic Surgical Valve Replacement Device Type <i>Indicate the type of device used to surgically replace the aortic valve.</i>	radio <table border="1"> <tr><td>1</td><td>Mechanical</td></tr> <tr><td>2</td><td>Bioprosthetic</td></tr> <tr><td>3</td><td>Surgeon fashioned pericardium (Ozaki)</td></tr> <tr><td>4</td><td>Other</td></tr> </table> Field Annotation: v2.9 SeqNo. 3408	1	Mechanical	2	Bioprosthetic	3	Surgeon fashioned pericardium (Ozaki)	4	Other						
1	Mechanical																
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4	Other																
847	vsavsurgbiot	VS-Aortic Surgical Bioprosthetic Replacement Valve Type <i>Indicate the type of bioprosthetic device used to surgically replace the aortic valve.</i>	radio <table border="1"> <tr><td>1</td><td>Stented</td></tr> <tr><td>2</td><td>Stentless subcoronary valve only</td></tr> <tr><td>3</td><td>Sutureless/rapid deployment</td></tr> </table> Field Annotation: v2.9 SeqNo. 3409	1	Stented	2	Stentless subcoronary valve only	3	Sutureless/rapid deployment								
1	Stented																
2	Stentless subcoronary valve only																
3	Sutureless/rapid deployment																
848	vsavrcoma	VS-Aortic Valve Repair - Commissural Suture Annuloplasty <i>Indicate whether the aortic valve repair procedure included a commissural annuloplasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
849	vsavrexsutn	VS-Aortic Valve Repair - External Suture Annuloplasty <i>Indicate whether the aortic valve repair procedure included an external suture annuloplasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3411	1	Yes	2	No										
1	Yes																
2	No																

850	vsavrlplic	VS-Aortic Valve Repair - Leaflet Plication <i>Indicate whether the aortic valve repair procedure included leaflet plication.</i>	radio 1 Yes 2 No Field Annotation: v2.73
851	vsavrnodrel	VS-Aortic Valve Repair - Nodular Release <i>Indicate whether the aortic valve repair procedure included nodular release.</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3416
852	vsavrpftfe	VS-Aortic Valve Repair - Leaflet Free Edge Reinforcement (PTFE) Suture <i>Indicate whether the aortic valve repair procedure included leaflet free edge reinforcement (PTFE) suture.</i>	radio 1 Yes 2 No Field Annotation: v2.73
853	vsavrcomrs	VS-Aortic Valve Repair - Leaflet Commissural Resuspension Suture <i>Indicate whether the aortic valve repair procedure included leaflet commissural resuspension suture.</i>	radio 1 Yes 2 No Field Annotation: v2.73
854	vsavrraphe	VS-Aortic Valve Repair - Division of Fused Leaflet Raphe <i>Indicate whether the aortic valve repair procedure included division of fused leaflet raphe.</i>	radio 1 Yes 2 No Field Annotation: v2.73
855	vsavrringa	VS-Aortic Valve Repair - Ring Annuloplasty <i>Indicate whether the aortic valve repair procedure included a ring annuloplasty.</i>	radio 1 Yes 2 No Field Annotation: v2.73
856	vsavrringaty	VS-Aortic Valve Repair - Ring Annuloplasty - Type <i>Indicate the type of ring annuloplasty that was used in this procedure.</i>	radio 1 External Ring 2 Internal Ring Field Annotation: v2.9 SeqNo. 3436
857	vsavrlresect	VS-Aortic Valve Repair - Leaflet Resection Suture <i>Indicate whether the aortic valve repair procedure included leaflet resection.</i>	radio 1 Yes 2 No Field Annotation: v2.73
858	resectsuba	VS-Resection of Sub-Aortic Stenosis(retired v2.73) <i>Indicate whether resection of sub-aortic tissue was performed alone or in conjunction with an aortic valve procedure.</i>	dropdown 1 Yes 2 No Field Annotation: v2.73
859	vsavrleafshav	VS-Aortic Valve Repair - Leaflet Shaving <i>Indicate whether the aortic valve repair procedure included leaflet shaving.</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3441
860	vsavrlppatch	VS-Aortic Valve Repair - Leaflet Pericardial Patch <i>Indicate whether the aortic valve repair procedure included leaflet pericardial patch.</i>	radio 1 Yes 2 No Field Annotation: v2.73

861	vsavrdeb	VS-Aortic Valve Repair - Leaflet Debridement <i>Indicate whether the aortic valve repair procedure included leaflet debridement.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
862	vsavrperileak	VS-Aortic Valve Repair - Repair of Periprosthetic Leak <i>Indicate whether the aortic valve repair procedure included repair of a Periprosthetic leak.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3455	1	Yes	2	No						
1	Yes												
2	No												
863	anlrenl	VS-Aortic Proc-Aortic Annular Enlargement <i>Indicate whether an annular enlargement procedure was performed on the Aortic Valve. An aortic annular enlargement is defined as incision of the aortic annulus to enlarge the aortic orifice. Annular enlargement techniques include but are not limited to Manouguian, Konno and Nicks.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No						
1	Yes												
2	No												
864	anlrenltech	VS-Aortic Proc-Aortic Annular Enlargement With Patch - Technique <i>Indicate the technique used for the aortic annular enlargement procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Nicks-Nunez</td></tr> <tr><td>2</td><td>Manougian</td></tr> <tr><td>3</td><td>Konno</td></tr> <tr><td>4</td><td>Other</td></tr> <tr><td>5</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 3461	1	Nicks-Nunez	2	Manougian	3	Konno	4	Other	5	Unknown
1	Nicks-Nunez												
2	Manougian												
3	Konno												
4	Other												
5	Unknown												
865	vsavroot	VS-Aortic Root Procedure <i>Indicate whether an aortic root procedure was performed during this operation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3462	1	Yes	2	No						
1	Yes												
2	No												
866	vsavrootoreimp	VS-Aortic Root Procedure With Coronary Ostial Reimplantation (Bentall) <i>Indicate whether the root replacement procedure included coronary Ostial Reimplantation (Bentall).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3463	1	Yes	2	No						
1	Yes												
2	No												
867	vsavrootoreimpty	VS-Aortic Root Procedure With Coronary Ostial Reimplantation (Bentall) - Type <i>Indicate the type of device used for root replacement.</i>	dropdown <table border="1"> <tr><td>1</td><td>Mechanical</td></tr> <tr><td>2</td><td>Bioprosthetic</td></tr> <tr><td>3</td><td>Autograft with native pulmonary valve (Ross procedure)</td></tr> <tr><td>4</td><td>Homograft root replacement</td></tr> </table> Field Annotation: v2.9 SeqNo. 3464	1	Mechanical	2	Bioprosthetic	3	Autograft with native pulmonary valve (Ross procedure)	4	Homograft root replacement		
1	Mechanical												
2	Bioprosthetic												
3	Autograft with native pulmonary valve (Ross procedure)												
4	Homograft root replacement												
868	vsavrepbioty	VS-Aortic Root Procedure With Coronary Ostial Reimplantation - Bioprosthetic Type <i>Indicate the type of bioprosthetic device used during the aortic root replacement with coronary Ostial Reimplantation</i>	radio <table border="1"> <tr><td>1</td><td>Stented valve composite graft</td></tr> <tr><td>2</td><td>Stentless biologic full root</td></tr> </table> Field Annotation: v2.9 SeqNo. 3465	1	Stented valve composite graft	2	Stentless biologic full root						
1	Stented valve composite graft												
2	Stentless biologic full root												
869	vsavsparrt	VS-Aortic Valve Sparing Root Operation Performed <i>Indicate whether a valve sparing root operation was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3466	1	Yes	2	No						
1	Yes												
2	No												

870	vsavsparrtop	VS-Aortic Valve Sparing Root Operation <i>Indicate the type of aortic valve sparing root operation that was performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Resuspension AV without replacement of ascending aorta</td></tr> <tr><td>2</td><td>Resuspension AV with replacement of ascending aorta</td></tr> <tr><td>3</td><td>Valve sparing root reimplantation (David)</td></tr> <tr><td>4</td><td>Valve sparing root remodeling (Yacoub)</td></tr> <tr><td>5</td><td>Valve sparing root reconstruction (Florida Sleeve)</td></tr> </table> Field Annotation: v2.9 SeqNo. 3467	1	Resuspension AV without replacement of ascending aorta	2	Resuspension AV with replacement of ascending aorta	3	Valve sparing root reimplantation (David)	4	Valve sparing root remodeling (Yacoub)	5	Valve sparing root reconstruction (Florida Sleeve)				
1	Resuspension AV without replacement of ascending aorta																
2	Resuspension AV with replacement of ascending aorta																
3	Valve sparing root reimplantation (David)																
4	Valve sparing root remodeling (Yacoub)																
5	Valve sparing root reconstruction (Florida Sleeve)																
871	vsavrootrecon	VS-Aortic Valve Major Root Reconstruction <i>Indicate whether the procedure included aortic valve major root reconstruction / debridement with or without pericardial patch.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3468	1	Yes	2	No										
1	Yes																
2	No																
872	vsavpat	VS-Aortic Valve Patch <i>Indicate whether a patch was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3469	1	Yes	2	No										
1	Yes																
2	No																
873	vsavpatty	VS-Aortic Valve Patch Type <i>Indicate the type of patch used</i>	radio <table border="1"> <tr><td>1</td><td>Synthetic</td></tr> <tr><td>2</td><td>Bioprosthetic</td></tr> <tr><td>3</td><td>Autologous</td></tr> </table> Field Annotation: v2.9 SeqNo. 3470	1	Synthetic	2	Bioprosthetic	3	Autologous								
1	Synthetic																
2	Bioprosthetic																
3	Autologous																
874	aorticimplant	VS-Aortic Valve Implant <i>Indicate whether an aortic valve or valve repair device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3472	1	Yes	2	No										
1	Yes																
2	No																
875	aorticimplantty	VS-Aortic Implant - Type(retired v2.81) <i>Indicate the type of aortic valve or valve device implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Mechanical valve</td></tr> <tr><td>2</td><td>Annuloplasty device</td></tr> <tr><td>3</td><td>Bioprosthetic valve</td></tr> <tr><td>4</td><td>Transcatheter device</td></tr> <tr><td>5</td><td>Homograft</td></tr> <tr><td>6</td><td>Other</td></tr> <tr><td>7</td><td>Autograft (Ross)</td></tr> </table> Field Annotation: v2.81 SeqNo. 3475	1	Mechanical valve	2	Annuloplasty device	3	Bioprosthetic valve	4	Transcatheter device	5	Homograft	6	Other	7	Autograft (Ross)
1	Mechanical valve																
2	Annuloplasty device																
3	Bioprosthetic valve																
4	Transcatheter device																
5	Homograft																
6	Other																
7	Autograft (Ross)																
876	vsaoim	VS-Aortic Proc-Implant Model Number <i>Indicate the name of the prosthesis implanted. The names provided include the manufacturer's model number with 'xx' substituting for the device size.</i>	text Field Annotation: all versions														
877	valvevrn	Valve Implant List Version Number(retired v2.61) <i>The version number of the list of valve implant options. The value is inserted into the record at the time the record is created. The version numbers will be specified by the STS.</i>	text Field Annotation: v2.61														
878	vsaoimsz	VS-Aortic Proc-Imp-Size <i>Indicate the Aortic implant size.</i>	text (number, Min: 5) Field Annotation: all versions														
879	vsaoimudi	VS-Aortic Proc-Imp - Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3490														

880	vsmv	<p>VS-Mitral Valve <i>Indicate whether a mitral valve procedure was performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No				
1	Yes																
3	Yes, planned																
4	Yes, unplanned due to surgical complication																
5	Yes, unplanned due to unsuspected disease or anatomy																
2	No																
881	vsmvpr	<p>VS-Mitral Valve Procedure <i>Indicate the type of procedure that was performed on the mitral valve.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Repair</td></tr> <tr><td>2</td><td>Replacement</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Repair	2	Replacement										
1	Repair																
2	Replacement																
882	opmitral	<p>VS-Mitral Proc-Procedure(retired v2.61) <i>Indicate whether a surgical procedure was done or not done on the Mitral Valve. Select one of the following: a. No b. Annuloplasty only c. Replacement d. Reconstruction with Annuloplasty e. Reconstruction without Annuloplasty</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Annuloplasty Only</td></tr> <tr><td>3</td><td>Replacement</td></tr> <tr><td>4</td><td>Reconstruction with Annuloplasty</td></tr> <tr><td>5</td><td>Reconstruction without Annuloplasty</td></tr> </table> <p>Field Annotation: v2.61</p>	1	No	2	Annuloplasty Only	3	Replacement	4	Reconstruction with Annuloplasty	5	Reconstruction without Annuloplasty				
1	No																
2	Annuloplasty Only																
3	Replacement																
4	Reconstruction with Annuloplasty																
5	Reconstruction without Annuloplasty																
883	vsmiimty	<p>VS-Mitral Proc-Imp-Type(retired v2.61) <i>Indicate the type of implant; choose one None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mechanical</td></tr> <tr><td>3</td><td>Bioprosthesis</td></tr> <tr><td>4</td><td>Homograft</td></tr> <tr><td>5</td><td>Autograft (Ross)</td></tr> <tr><td>6</td><td>Ring/Annuloplasty</td></tr> <tr><td>7</td><td>Band/Annuloplasty</td></tr> </table> <p>Field Annotation: v2.61</p>	1	None	2	Mechanical	3	Bioprosthesis	4	Homograft	5	Autograft (Ross)	6	Ring/Annuloplasty	7	Band/Annuloplasty
1	None																
2	Mechanical																
3	Bioprosthesis																
4	Homograft																
5	Autograft (Ross)																
6	Ring/Annuloplasty																
7	Band/Annuloplasty																
884	vsleafreploc	<p>VS-Mitral Repair Location(retired v2.81) <i>Indicate whether the repair involved the anterior, posterior, or both leaflets. Commissural closure stitches do not make a bileaflet repair. A commissurotomy is a bileaflet repair.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Anterior</td></tr> <tr><td>2</td><td>Posterior</td></tr> <tr><td>3</td><td>Both Anterior and Posterior</td></tr> <tr><td>4</td><td>Commissure</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3516</p>	1	Anterior	2	Posterior	3	Both Anterior and Posterior	4	Commissure						
1	Anterior																
2	Posterior																
3	Both Anterior and Posterior																
4	Commissure																
885	vsmitrleafdeb	<p>VS-Mitral Valve Repair - Leaflet Debridement(retired v2.81) <i>Indicate whether the mitral valve repair procedure included leaflet debridement.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3530</p>	1	Yes	2	No										
1	Yes																
2	No																
886	vsmitrleafplic	<p>VS-Mitral Valve Repair - Leaflet Plication(retired v2.81) <i>Indicate whether the mitral valve repair procedure included leaflet plication.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3529</p>	1	Yes	2	No										
1	Yes																
2	No																

887	vsmitrmitoth	VS-Mitral Valve Repair - Other Mitral Repair(retired v2.81) <i>Indicate whether the mitral valve repair involved a technique not listed above.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3595	1	Yes	2	No		
1	Yes								
2	No								
888	vsmitrleafclip	VS-Mitral Valve Repair - Mitral Leaflet Clip(retired v2.81) <i>Indicate whether the mitral valve procedure included leaflet clip(s).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3575	1	Yes	2	No		
1	Yes								
2	No								
889	vsneochnum	VS-Mitral Neochord Number(retired v2.81) <i>Indicate the number of neochords inserted - 1 neochord is created from 1 double arm suture.</i>	text Field Annotation: v2.81 SeqNo. 3533						
890	vsmvrepapp	VS-Mitral Valve - Repair Approach <i>Indicate the approach that was used to repair the Mitral Valve.</i>	radio <table border="1"> <tr><td>1</td><td>Transcatheter</td></tr> <tr><td>2</td><td>Surgical</td></tr> </table> Field Annotation: v2.9 SeqNo. 3501	1	Transcatheter	2	Surgical		
1	Transcatheter								
2	Surgical								
891	vsmitrannulo	VS-Mitral Valve Repair - Annuloplasty <i>Indicate whether the mitral valve repair procedure included an annuloplasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
892	vsmitrleafres	VS-Mitral Valve Repair - Leaflet Resection <i>Indicate whether the mitral valve repair procedure included a leaflet resection.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
893	vsleafrestyp	VS-Mitral Leaflet Resection Type <i>Indicate the type of leaflet resection.</i>	radio <table border="1"> <tr><td>1</td><td>Triangular</td></tr> <tr><td>2</td><td>Quadrangular</td></tr> <tr><td>3</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Triangular	2	Quadrangular	3	Other
1	Triangular								
2	Quadrangular								
3	Other								
894	vsleafantres	VS-Mitral Repair Leaflet - Anterior Resection <i>Indicat whether anterior MV leaflet resection was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3517	1	Yes	2	No		
1	Yes								
2	No								
895	vsleafantreslocd	VS-Mitral Repair Leaflet - Anterior Resection - Location Documented <i>Indicate whether the location of the anterior resection was documented.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3518	1	Yes	2	No		
1	Yes								
2	No								
896	vsleafantresa1	VS-Mitral Repair Leaflet - Anterior Resection - A1 <i>Indicate whether the anterior leaflet resection included location A1</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3519	1	Yes	2	No		
1	Yes								
2	No								
897	vsleafantresa2	VS-Mitral Repair Leaflet - Anterior Resection - A2 <i>Indicate whether the anterior leaflet resection included location A2</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3520	1	Yes	2	No		
1	Yes								
2	No								

898	vsleafantresa3	VS-Mitral Repair Leaflet - Anterior Resection - A3 <i>Indicate whether the anterior leaflet resection included location A3</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3521	1	Yes	2	No				
1	Yes										
2	No										
899	vsleafpostres	VS-Mitral Repair Leaflet - Posterior Resection <i>Indicat whether posterior MV leaflet resection was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3522	1	Yes	2	No				
1	Yes										
2	No										
900	vsleafpostreslocd	VS-Mitral Repair Leaflet - Posterior Resection - Location Documented <i>Indicat whether posterior MV leaflet resection location was documented</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3523	1	Yes	2	No				
1	Yes										
2	No										
901	vsleafpostresp1	VS-Mitral Repair Leaflet - Posterior Resection - P1 <i>Indicate whether the posterior leaflet resection included location P1</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3524	1	Yes	2	No				
1	Yes										
2	No										
902	vsleafpostresp2	VS-Mitral Repair Leaflet - Posterior Resection - P2 <i>Indicate whether the posterior leaflet resection included location P2</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3525	1	Yes	2	No				
1	Yes										
2	No										
903	vsleafpostresp3	VS-Mitral Repair Leaflet - Posterior Resection - P3 <i>Indicate whether the posterior leaflet resection included location P3</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3526	1	Yes	2	No				
1	Yes										
2	No										
904	vsleafcomres	VS-Mitral Repair Leaflet - Commissure Resection <i>Indicate whether resection of the mitral commissure was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3527	1	Yes	2	No				
1	Yes										
2	No										
905	vsleafcomresloc	VS-Mitral Repair Leaflet - Commissure Resection - Location <i>Indicate the location of the mitral commissure resection</i>	radio <table border="1"> <tr><td>1</td><td>Medial (C2)</td></tr> <tr><td>2</td><td>Lateral (C1)</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Not Documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 3528	1	Medial (C2)	2	Lateral (C1)	3	Both	4	Not Documented
1	Medial (C2)										
2	Lateral (C1)										
3	Both										
4	Not Documented										
906	vsmitrptfe	VS-Mitral Valve Repair - Neochords (PTFE) <i>Indicate whether the mitral valve repair procedure included neochords (PTFE).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
907	vsneoant	VS-Mitral Valve Repair - Anterior Neochords <i>Indicate whether anterior neochords were placed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3534	1	Yes	2	No				
1	Yes										
2	No										

908	vsneoantlocd	VS-Mitral Valve Repair - Anterior Neochords - Location Documented <i>Indicate whether location of anterior neochord placement was documented</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3535
909	vsneoanta1	VS-Mitral Valve Repair - Anterior Neochords - A1 <i>Indicate whether neochord location included location A1</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3536
910	vsneoanta2	VS-Mitral Valve Repair - Anterior Neochords - A2 <i>Indicate whether neochord location included location A2</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3537
911	vsneoanta3	VS-Mitral Valve Repair - Anterior Neochords - A3 <i>Indicate whether neochord location included location A3</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3538
912	vsneopost	VS-Mitral Valve Repair - Posterior Neochords <i>Indicate whether posterior neochords were placed</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3539
913	vsneopostlocd	VS-Mitral Valve Repair - Posterior Neochords - Location Documented <i>Indicate whether location of posterior neochord placement was documented</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3540
914	vsneopostp1	VS-Mitral Valve Repair - Posterior Neochords - P1 <i>Indicate whether posterior neochord location included location P1</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3541
915	vsneopostp2	VS-Mitral Valve Repair - Posterior Neochords - P2 <i>Indicate whether posterior neochord location included location P2</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3542
916	vsneopostp3	VS-Mitral Valve Repair - Posterior Neochords - P3 <i>Indicate whether posterior neochord location included location P3</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3543
917	vsneocom	VS-Mitral Valve Repair - Commissure Neochords <i>Indicate whether commissural neochords were placed</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 3544

918	vsneocomloc	VS-Mitral Valve Repair - Commissure Neochords - Location <i>Indicate location of commissural neochord placement</i>	radio <table border="1"> <tr><td>1</td><td>Medial (C2)</td></tr> <tr><td>2</td><td>Lateral (C1)</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Not Documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 3545	1	Medial (C2)	2	Lateral (C1)	3	Both	4	Not Documented
1	Medial (C2)										
2	Lateral (C1)										
3	Both										
4	Not Documented										
919	vsmitrchord	VS-Mitral Valve Repair - Chordal / Leaflet Transfer <i>Indicate whether the mitral valve repair procedure included a chordal / leaflet transfer.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
920	vschorlfant	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Anterior <i>Indicate whether chordal leaflet transfer was anterior</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3551	1	Yes	2	No				
1	Yes										
2	No										
921	vschorlfantlocd	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Anterior Location Documented <i>Indicate whether location of anterior chordal leaflet transfer was documented</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3552	1	Yes	2	No				
1	Yes										
2	No										
922	vschorlfanta1	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Anterior - A1 <i>Indicate whether anterior chordal leaflet transfer location was A1</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3553	1	Yes	2	No				
1	Yes										
2	No										
923	vschorlfanta2	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Anterior - A2 <i>Indicate whether anterior chordal leaflet transfer location was A2</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3554	1	Yes	2	No				
1	Yes										
2	No										
924	vschorlfanta3	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Anterior - A3 <i>Indicate whether anterior chordal leaflet transfer location was A3</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3555	1	Yes	2	No				
1	Yes										
2	No										
925	vschorlfpost	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Posterior <i>Indicate whether chordal leaflet transfer was posterior</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3556	1	Yes	2	No				
1	Yes										
2	No										
926	vschorlfpostlocd	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Posterior Location Documented <i>Indicate whether location of posterior chordal leaflet transfer was documented</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3557	1	Yes	2	No				
1	Yes										
2	No										
927	vschorlfpostp1	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Posterior - P1 <i>Indicate whether posterior chordal leaflet transfer location was P1</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3558	1	Yes	2	No				
1	Yes										
2	No										

928	vschorlfpostp2	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Posterior - P2 <i>Indicate whether posterior chordal leaflet transfer location was P2</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3559	1	Yes	2	No				
1	Yes										
2	No										
929	vschorlfpostp3	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Posterior - P3 <i>Indicate whether posterior chordal leaflet transfer location was P3</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3560	1	Yes	2	No				
1	Yes										
2	No										
930	vschorlfcom	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Commissure <i>Indicate whether chordal leaflet transfer was commissural</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3561	1	Yes	2	No				
1	Yes										
2	No										
931	vschorlfcomloc	VS-Mitral Valve Repair - Chordal Leaflet Transfer - Commissure Location <i>Indicate location of commissural leaflet transfer</i>	radio <table border="1"> <tr><td>1</td><td>Medial (C2)</td></tr> <tr><td>2</td><td>Lateral (C1)</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Not Documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 3562	1	Medial (C2)	2	Lateral (C1)	3	Both	4	Not Documented
1	Medial (C2)										
2	Lateral (C1)										
3	Both										
4	Not Documented										
932	vsmitrfold	VS-Mitral Valve Repair - Folding Plasty <i>Indicate whether the mitral valve repair procedure included folding plasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3565	1	Yes	2	No				
1	Yes										
2	No										
933	vsmitrslidp	VS-Mitral Valve Repair - Sliding Plasty <i>Indicate whether the mitral valve repair procedure included a sliding plasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
934	vsmitradecalc	VS-Mitral Valve Repair - Annular Decalcification / Debridement <i>Indicate whether the mitral valve repair procedure included an annular decalcification / debridement.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
935	vsmitrleaferp	VS-Mitral Valve Repair - Leaflet Extension / Replacement / Patch <i>Indicate whether the mitral valve repair procedure included a leaflet extension / replacement / patch.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
936	vsmitrleaferploc	VS-Mitral Valve Repair - Leaflet Extension / Replacement / Patch - Location <i>Indicate the location of the mitral leaflet extension/replacement patch</i>	radio <table border="1"> <tr><td>1</td><td>Anterior</td></tr> <tr><td>2</td><td>Posterior</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Not Documented</td></tr> </table> Field Annotation: v2.9 SeqNo. 3569	1	Anterior	2	Posterior	3	Both	4	Not Documented
1	Anterior										
2	Posterior										
3	Both										
4	Not Documented										
937	vsmitredge	VS-Mitral Valve Repair - Edge To Edge Repair <i>Indicate whether the mitral valve repair procedure included an edge to edge repair.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										

938	vsmitmitcomm	VS-Mitral Valve Repair - Mitral Commissurotomy <i>Indicate whether the mitral valve repair procedure included a mitral commissurotomy.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No										
1	Yes																
2	No																
939	vsmitmitcplasty	VS-Mitral Valve Repair - Mitral Commissuroplasty <i>Indicate whether the mitral valve repair procedure included a mitral commissuroplasty.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3585	1	Yes	2	No										
1	Yes																
2	No																
940	vsmitmitcleft	VS-Mitral Valve Repair - Mitral Cleft Repair (Scallop Closure) <i>Indicate whether the mitral valve repair procedure included a mitral cleft repair.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3590	1	Yes	2	No										
1	Yes																
2	No																
941	vsmitparaprosleak	VS-Mitral Valve Repair - Paraprosthethic Leak Repair <i>Indicate whether there was repair of a mitral paraprosthethic leak</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3591	1	Yes	2	No										
1	Yes																
2	No																
942	mitralintent	VS-Mitral Repair Attempted <i>Indicate whether a Mitral Valve Repair was attempted prior to the Mitral Valve Replacement.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No										
1	Yes																
2	No																
943	vschorpres	VS-Mitral Chordal Preservation <i>Indicate whether native chords were preserved.</i>	radio <table border="1"> <tr><td>2</td><td>Anterior</td></tr> <tr><td>3</td><td>Posterior</td></tr> <tr><td>4</td><td>Both</td></tr> <tr><td>1</td><td>None</td></tr> </table> Field Annotation: v2.73	2	Anterior	3	Posterior	4	Both	1	None						
2	Anterior																
3	Posterior																
4	Both																
1	None																
944	vstcvmit	VS-Mitral Transcatheter Valve Replacement <i>Indicate whether the mitral valve replacement was done using a transcatheter valve device.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 361	1	Yes	2	No										
1	Yes																
2	No																
945	mitralimplant	VS-Mitral Implant <i>Indicate whether a mitral valve or valve device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3615	1	Yes	2	No										
1	Yes																
2	No																
946	mitralimplantty	VS-Mitral Implant - Type <i>Indicate the type of mitral valve or valve device implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Mechanical valve</td></tr> <tr><td>3</td><td>Bioprosthetic valve</td></tr> <tr><td>5</td><td>Annuloplasty device</td></tr> <tr><td>2</td><td>Mitral leaflet clip</td></tr> <tr><td>4</td><td>Transcatheter device</td></tr> <tr><td>7</td><td>Surgically implanted transcatheter device</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: v2.81 SeqNo. 3620	1	Mechanical valve	3	Bioprosthetic valve	5	Annuloplasty device	2	Mitral leaflet clip	4	Transcatheter device	7	Surgically implanted transcatheter device	6	Other
1	Mechanical valve																
3	Bioprosthetic valve																
5	Annuloplasty device																
2	Mitral leaflet clip																
4	Transcatheter device																
7	Surgically implanted transcatheter device																
6	Other																

947	vsmiim	VS-Mitral Proc-Implant Model Number <i>Indicate the model number of the device implanted. The names provided include the manufacturer's model number with 'xx' substituting for the device size.</i>	text Field Annotation: all versions														
948	vsmiimsz	VS-Mitral Proc-Imp-Size <i>Indicate the Mitral implant size.</i>	text (number, Min: 5) Field Annotation: all versions														
949	vsmiimudi	VS-Mitral Proc-Imp-Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3635														
950	vstv	VS-Tricuspid Valve <i>Indicate whether a tricuspid valve procedure was performed.</i>	radio <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3640	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No						
3	Yes, planned																
4	Yes, unplanned due to surgical complication																
5	Yes, unplanned due to unsuspected disease or anatomy																
2	No																
951	vstrrepair	VS-Tricuspid Repair <i>Indicate whether tricuspid repair was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3646	1	Yes	2	No										
1	Yes																
2	No																
952	optricus	VS-Tricuspid Proc-Procedure(retired v2.81) <i>Indicate the type of procedure that was performed on the tricuspid valve.</i>	radio <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Annuloplasty Only</td></tr> <tr><td>3</td><td>Replacement</td></tr> <tr><td>4</td><td>Reconstruction with Annuloplasty</td></tr> <tr><td>5</td><td>Reconstruction without Annuloplasty</td></tr> <tr><td>6</td><td>Valvectomy</td></tr> </table> Field Annotation: v2.81 SeqNo. 3645	1	No	2	Annuloplasty Only	3	Replacement	4	Reconstruction with Annuloplasty	5	Reconstruction without Annuloplasty	6	Valvectomy		
1	No																
2	Annuloplasty Only																
3	Replacement																
4	Reconstruction with Annuloplasty																
5	Reconstruction without Annuloplasty																
6	Valvectomy																
953	vstrimty	VS-Tricuspid Proc-Imp-Type(retired v2.61) <i>Indicate the type of implant; choose one None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mechanical</td></tr> <tr><td>3</td><td>Bioprosthesis</td></tr> <tr><td>4</td><td>Homograft</td></tr> <tr><td>5</td><td>Autograft (Ross)</td></tr> <tr><td>6</td><td>Ring/Annuloplasty</td></tr> <tr><td>7</td><td>Band/Annuloplasty</td></tr> </table> Field Annotation: v2.61	1	None	2	Mechanical	3	Bioprosthesis	4	Homograft	5	Autograft (Ross)	6	Ring/Annuloplasty	7	Band/Annuloplasty
1	None																
2	Mechanical																
3	Bioprosthesis																
4	Homograft																
5	Autograft (Ross)																
6	Ring/Annuloplasty																
7	Band/Annuloplasty																
954	vstrrepannulo	VS-Tricuspid Repair - Annuloplasty <i>Indicate whether the tricuspid repair included an annuloplasty</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3647	1	Yes	2	No										
1	Yes																
2	No																
955	optricusanty	VS-Tricuspid Repair - Annuloplasty Type <i>Indicate type of annuloplasty procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Pericardium</td></tr> <tr><td>2</td><td>Suture</td></tr> <tr><td>3</td><td>Prosthetic ring</td></tr> <tr><td>4</td><td>Prosthetic band</td></tr> <tr><td>5</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Pericardium	2	Suture	3	Prosthetic ring	4	Prosthetic band	5	Other				
1	Pericardium																
2	Suture																
3	Prosthetic ring																
4	Prosthetic band																
5	Other																

956	vstrleafres	VS-Tricuspid Repair - Leaflet Resection <i>Indicate whether the tricuspid repair included leaflet resection</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3649	1	Yes	2	No								
1	Yes														
2	No														
957	vstrreplace	VS-Tricuspid Replacement <i>Indicate whether tricuspid replacement was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3650	1	Yes	2	No								
1	Yes														
2	No														
958	vstcvtri	VS-Tricuspid Transcatheter Valve Replacement <i>Indicate whether the tricuspid valve replacement was done using a transcatheter valve device.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3652	1	Yes	2	No								
1	Yes														
2	No														
959	vstrvalvec	VS-Tricuspid Valvectomy <i>Indicate whether tricuspid valvectomy was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 3653	1	Yes	2	No								
1	Yes														
2	No														
960	tricuspidimplant	VS-Tricuspid Implant <i>Indicate whether a tricuspid valve or device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3660	1	Yes	2	No								
1	Yes														
2	No														
961	tricusimplantty	VS-Tricuspid Implant - Type <i>Indicate the type of tricuspid valve or valve device implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Mechanical valve</td></tr> <tr><td>2</td><td>Annuloplasty device</td></tr> <tr><td>3</td><td>Bioprosthetic valve</td></tr> <tr><td>4</td><td>Transcatheter device</td></tr> <tr><td>5</td><td>Homograft</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: v2.81 SeqNo. 3665	1	Mechanical valve	2	Annuloplasty device	3	Bioprosthetic valve	4	Transcatheter device	5	Homograft	6	Other
1	Mechanical valve														
2	Annuloplasty device														
3	Bioprosthetic valve														
4	Transcatheter device														
5	Homograft														
6	Other														
962	vstrim	VS-Tricuspid Proc-Implant Model Number <i>Indicate the model number of the prosthesis implanted. The names provided include the manufacturer's model number with 'xx' substituting for the device size.</i>	text Field Annotation: all versions												
963	vstrimsz	VS-Tricuspid Proc-Imp-Size <i>Indicate the Tricuspid implant size.</i>	text (number, Min: 5) Field Annotation: all versions												
964	vstrimudi	VS-Tricuspid Proc-Imp-Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3680												
965	vspv	VS-Pulmonic Valve <i>Indicate whether a pulmonic valve procedure was performed.</i>	dropdown <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 3685	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No				
3	Yes, planned														
4	Yes, unplanned due to surgical complication														
5	Yes, unplanned due to unsuspected disease or anatomy														
2	No														

966	oppulm	VS-Pulmonic Proc-Procedure <i>Indicate the type of procedure that was performed on the pulmonic valve.</i>	dropdown <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>3</td><td>Repair / Leaflet Reconstruction</td></tr> <tr><td>2</td><td>Replacement</td></tr> <tr><td>4</td><td>Valvectomy</td></tr> </table> <p>Field Annotation: all versions</p>	1	No	3	Repair / Leaflet Reconstruction	2	Replacement	4	Valvectomy						
1	No																
3	Repair / Leaflet Reconstruction																
2	Replacement																
4	Valvectomy																
967	vspuimty	VS-Pulmonic Proc-Imp-Type(retired v2.61) <i>Indicate the type of implant; choose one None M = Mechanical B = Bioprosthesis H = Homograft A = Autograft (Ross) R = Ring/Annuloplasty BA = Band/Annuloplasty</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mechanical</td></tr> <tr><td>3</td><td>Bioprosthesis</td></tr> <tr><td>4</td><td>Homograft</td></tr> <tr><td>5</td><td>Autograft (Ross)</td></tr> <tr><td>6</td><td>Ring/Annuloplasty</td></tr> <tr><td>7</td><td>Band/Annuloplasty</td></tr> </table> <p>Field Annotation: v2.61</p>	1	None	2	Mechanical	3	Bioprosthesis	4	Homograft	5	Autograft (Ross)	6	Ring/Annuloplasty	7	Band/Annuloplasty
1	None																
2	Mechanical																
3	Bioprosthesis																
4	Homograft																
5	Autograft (Ross)																
6	Ring/Annuloplasty																
7	Band/Annuloplasty																
968	vstcvpu	VS-Pulmonic Transcatheter Valve Replacement <i>Indicate whether the pulmonic valve replacement was done using a transcatheter valve device.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3695</p>	1	Yes	2	No										
1	Yes																
2	No																
969	pulmonicimplant	VS-Pulmonic Implant <i>Indicate whether a pulmonic valve or device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3700</p>	1	Yes	2	No										
1	Yes																
2	No																
970	vspuypeimp	VS-Pulmonic - Type Of Implant <i>Indicate the type of pulmonic implant</i>	radio <table border="1"> <tr><td>1</td><td>Surgeon Fashioned</td></tr> <tr><td>2</td><td>Commercially Supplied</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3701</p>	1	Surgeon Fashioned	2	Commercially Supplied										
1	Surgeon Fashioned																
2	Commercially Supplied																
971	vspuimpmat	VS-Pulmonic - Surgeon Fashioned Implant Material <i>Indicate the material used to fashion the pulmonic implant</i>	radio <table border="1"> <tr><td>1</td><td>PTFE (Gore-Tex)</td></tr> <tr><td>2</td><td>Pericardium</td></tr> <tr><td>3</td><td>Other</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 3702</p>	1	PTFE (Gore-Tex)	2	Pericardium	3	Other								
1	PTFE (Gore-Tex)																
2	Pericardium																
3	Other																
972	pulmonicimplantty	VS-Pulmonic Implant - Type <i>Indicate the type of pulmonic valve or valve device implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Mechanical valve</td></tr> <tr><td>3</td><td>Bioprosthetic valve</td></tr> <tr><td>4</td><td>Transcatheter device</td></tr> <tr><td>2</td><td>Annuloplasty device</td></tr> <tr><td>5</td><td>Homograft</td></tr> <tr><td>6</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3705</p>	1	Mechanical valve	3	Bioprosthetic valve	4	Transcatheter device	2	Annuloplasty device	5	Homograft	6	Other		
1	Mechanical valve																
3	Bioprosthetic valve																
4	Transcatheter device																
2	Annuloplasty device																
5	Homograft																
6	Other																
973	vspuim	VS-Pulmonic Proc-Implant Model Number <i>Indicate the model number of the prosthesis implanted. The names provided include the manufacturer's model number with 'xx' substituting for the device size.</i>	text Field Annotation: all versions														
974	vspuimsz	VS-Pulmonic Proc-Imp-Size <i>Indicate the Pulmonic implant size.</i>	text (number, Min: 5) Field Annotation: all versions														
975	vspuimudi	VS-Pulmonic Proc-Imp-Unique Device Identifier <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3720														

976	valve_surgery_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Mechanical Cardiac Assist Devices (mechanical_cardiac_assist_devices) ^ Collapse															
977	iabp	IABP <i>Indicate whether the patient was placed on an Intra-Aortic Balloon Pump (IABP).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
978	iabpwhen	IABP-When Inserted <i>Indicate when the IABP was inserted.</i>	radio <table border="1"> <tr><td>1</td><td>Preop</td></tr> <tr><td>2</td><td>Intraop</td></tr> <tr><td>3</td><td>Postop</td></tr> </table> Field Annotation: all versions	1	Preop	2	Intraop	3	Postop						
1	Preop														
2	Intraop														
3	Postop														
979	iabpind	IABP-Indication <i>Indicate the primary reason for inserting the IABP.</i>	dropdown <table border="1"> <tr><td>1</td><td>Hemodyn Instability</td></tr> <tr><td>2</td><td>Procedural Support</td></tr> <tr><td>3</td><td>Unstable Angina</td></tr> <tr><td>4</td><td>Cardiopulmonary Bypass (CPB) Weaning Failure</td></tr> <tr><td>5</td><td>Prophylactic</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: all versions	1	Hemodyn Instability	2	Procedural Support	3	Unstable Angina	4	Cardiopulmonary Bypass (CPB) Weaning Failure	5	Prophylactic	6	Other
1	Hemodyn Instability														
2	Procedural Support														
3	Unstable Angina														
4	Cardiopulmonary Bypass (CPB) Weaning Failure														
5	Prophylactic														
6	Other														
980	iabpremdt_deid	IABP-Removed Date (Deid) (retired v2.73) <i>Indicate the date on which the IABP was removed.</i>	text Field Annotation: v2.73												
981	cathbasassist	Catheter Based Assist Device Used <i>Indicate whether the patient was placed on a catheter based assist device (e.g., Impella).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
982	cathbasassistty	Catheter Based Assist Type <i>Indicate the type of catheter based assist device.</i>	radio <table border="1"> <tr><td>1</td><td>RV</td></tr> <tr><td>2</td><td>LV</td></tr> <tr><td>3</td><td>BiV</td></tr> </table> Field Annotation: v2.81 SeqNo. 3755	1	RV	2	LV	3	BiV						
1	RV														
2	LV														
3	BiV														
983	cathbasassistdev	Catheter Based Assist Device(retired v2.73) <i>Indicate the catheter based assist device that was used.</i>	dropdown <table border="1"> <tr><td>1</td><td>RV</td></tr> <tr><td>2</td><td>LV</td></tr> <tr><td>3</td><td>BiV</td></tr> </table> Field Annotation: v2.73	1	RV	2	LV	3	BiV						
1	RV														
2	LV														
3	BiV														
984	cathbasassistwhen	Catheter Based Assist Device When Inserted <i>Indicate when the catheter based assist device was inserted.</i>	radio <table border="1"> <tr><td>1</td><td>Preop</td></tr> <tr><td>2</td><td>Intraop</td></tr> <tr><td>3</td><td>Postop</td></tr> </table> Field Annotation: v2.73	1	Preop	2	Intraop	3	Postop						
1	Preop														
2	Intraop														
3	Postop														

985	cathbasassistind	Catheter Based Assist Device Indication <i>Indicate the primary reason for inserting the device.</i>	dropdown <table border="1"> <tr><td>1</td><td>Hemodynamic Instability</td></tr> <tr><td>2</td><td>Cardiopulmonary Bypass (CPB) weaning failure</td></tr> <tr><td>3</td><td>PCI Failure</td></tr> <tr><td>5</td><td>Procedural support</td></tr> <tr><td>4</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Hemodynamic Instability	2	Cardiopulmonary Bypass (CPB) weaning failure	3	PCI Failure	5	Procedural support	4	Other
1	Hemodynamic Instability												
2	Cardiopulmonary Bypass (CPB) weaning failure												
3	PCI Failure												
5	Procedural support												
4	Other												
986	ecmo	Extracorporeal Membrane Oxygenation <i>Indicate whether the patient was placed on ECMO.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Veno-venous</td></tr> <tr><td>4</td><td>Veno-arterial</td></tr> <tr><td>5</td><td>Veno-venous converted to Veno-arterial</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	3	Veno-venous	4	Veno-arterial	5	Veno-venous converted to Veno-arterial	2	No
1	Yes												
3	Veno-venous												
4	Veno-arterial												
5	Veno-venous converted to Veno-arterial												
2	No												
987	ecmowhen	ECMO When Initiated <i>Indicate when patient was placed on ECMO.</i>	radio <table border="1"> <tr><td>1</td><td>Preop</td></tr> <tr><td>2</td><td>Intraop</td></tr> <tr><td>3</td><td>Postop</td></tr> <tr><td>4</td><td>Non-operative</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Preop	2	Intraop	3	Postop	4	Non-operative		
1	Preop												
2	Intraop												
3	Postop												
4	Non-operative												
988	cathbasassistremdt_deid	Catheter Based Assist Device Removed Date (Deid) (retired v2.73) <i>Indicate the date on which the catheter based assist device was removed.</i>	text (date_mdy) Field Annotation: v2.73										
989	ecmoind	ECMO Indication <i>Indicate clinical indication for placing patient on ECMO.</i>	radio <table border="1"> <tr><td>1</td><td>Cardiac Failure</td></tr> <tr><td>2</td><td>Respiratory Failure</td></tr> <tr><td>3</td><td>Hypothermia</td></tr> <tr><td>4</td><td>Rescue/salvage</td></tr> <tr><td>5</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Cardiac Failure	2	Respiratory Failure	3	Hypothermia	4	Rescue/salvage	5	Other
1	Cardiac Failure												
2	Respiratory Failure												
3	Hypothermia												
4	Rescue/salvage												
5	Other												
990	intpvad	VAD-Intubated Pre-VAD(retired v2.61) <i>Indicate if the patient was intubated prior to the OR in which the VAD was placed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No						
1	Yes												
2	No												
991	hvpvcwp	VAD-Hemodynamics Pre-VAD-PCWP(retired v2.61) <i>Indicate the Pulmonary Capillary Wedge Pressure (PCWP) in mm/Hg as determined prior to induction in the OR, or in an ICU immediately prior to the OR.</i>	text Field Annotation: v2.61										
992	hvpvcvp	VAD-Hemodynamics Pre-VAD-CVP(retired v2.61) <i>Indicate the Central Venous Pressure (CVP) in mm/Hg prior to induction in the OR, or in an ICU immediately prior to the OR.</i>	text Field Annotation: v2.61										
993	hvpcci	VAD-Hemodynamics Pre-VAD-CI(retired v2.61) <i>Indicate the Cardiac Index (CI) in L/(min x m2) prior to induction in the OR, or in an ICU immediately prior to the OR.</i>	text Field Annotation: v2.61										
994	hprvref	VAD-Hemodynamics Pre-VAD-RVEF(retired v2.61) <i>Indicate the Right Ventricular Function prior to anesthesia induction in the OR and as close to time of the VAD implant as possible.</i>	dropdown <table border="1"> <tr><td>1</td><td>Normal</td></tr> <tr><td>2</td><td>Mildly Impaired</td></tr> <tr><td>3</td><td>Moderately Impaired</td></tr> <tr><td>4</td><td>Severely Impaired</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Normal	2	Mildly Impaired	3	Moderately Impaired	4	Severely Impaired		
1	Normal												
2	Mildly Impaired												
3	Moderately Impaired												
4	Severely Impaired												

995	lvadinf	VAD-Initial VAD Cannulation/Attach Site - LVAD Inflow(retired v2.61) <i>Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Atrium</td></tr> <tr><td>2</td><td>Left Ventricle</td></tr> </table> Field Annotation: v2.61	1	Left Atrium	2	Left Ventricle		
1	Left Atrium								
2	Left Ventricle								
996	rvadinf	VAD-Initial VAD Cannulation/Attach Site - RVAD Inflow(retired v2.61) <i>Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Right Atrium</td></tr> <tr><td>2</td><td>Right Ventricle</td></tr> </table> Field Annotation: v2.61	1	Right Atrium	2	Right Ventricle		
1	Right Atrium								
2	Right Ventricle								
997	vtxdt_deid	VAD-Cardiac Transplant Date (Deid) (retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy) Field Annotation: v2.73						
998	lvadinf2	VAD- #2 VAD Cannulation/Attach Site - LVAD Inflow(retired v2.61) <i>Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Atrium</td></tr> <tr><td>2</td><td>Left Ventricle</td></tr> </table> Field Annotation: v2.61	1	Left Atrium	2	Left Ventricle		
1	Left Atrium								
2	Left Ventricle								
999	rvadinf2	VAD- #2 VAD Cannulation/Attach Site - RVAD Inflow(retired v2.61) <i>Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Right Atrium</td></tr> <tr><td>2</td><td>Right Ventricle</td></tr> </table> Field Annotation: v2.61	1	Right Atrium	2	Right Ventricle		
1	Right Atrium								
2	Right Ventricle								
1000	vtxdt2_deid	VAD-Cardiac Transplant Date #2 (Deid) (retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy) Field Annotation: v2.73						
1001	lvadinf3	VAD- #3 VAD Cannulation/Attach Site - LVAD Inflow(retired v2.61) <i>Indicate the location of the LVAD inflow site as the left atrium (LA) or the left ventricle (LV). The LVAD inflow is defined as the anatomic location (left atrium or left ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Left Atrium</td></tr> <tr><td>2</td><td>Left Ventricle</td></tr> </table> Field Annotation: v2.61	1	Left Atrium	2	Left Ventricle		
1	Left Atrium								
2	Left Ventricle								
1002	rvadinf3	VAD- #3 VAD Cannulation/Attach Site - RVAD Inflow(retired v2.61) <i>Indicate the location of the RVAD inflow site as the right atrium (RA) or the right ventricle (RV). The RVAD inflow is defined as the anatomic location (right atrium or right ventricle) for the VAD cannula or conduit that provides the flow of blood from the heart to the VAD pump.</i>	dropdown <table border="1"> <tr><td>1</td><td>Right Atrium</td></tr> <tr><td>2</td><td>Right Ventricle</td></tr> </table> Field Annotation: v2.61	1	Right Atrium	2	Right Ventricle		
1	Right Atrium								
2	Right Ventricle								
1003	vtxdt3_deid	VAD-Cardiac Transplant Date #3 (Deid) (retired v2.73) <i>Indicate the date the patient received a cardiac transplant.</i>	text (date_mdy) Field Annotation: v2.73						
1004	vaddiscs	VAD-Discharge Status(retired v2.73) <i>Indicate the VAD status at discharge from the hospital.</i>	dropdown <table border="1"> <tr><td>1</td><td>With VAD</td></tr> <tr><td>2</td><td>Without VAD</td></tr> <tr><td>3</td><td>Expired in Hospital</td></tr> </table> Field Annotation: v2.73	1	With VAD	2	Without VAD	3	Expired in Hospital
1	With VAD								
2	Without VAD								
3	Expired in Hospital								
1005	pvcmpbld	VAD-Primary VAD Comp-Intracranial Bleed(retired v2.73) <i>Indicate if the patient had an intracranial bleed, confirmed by CT scan or other diagnostic studies.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1006	pvcmpest	VAD-Primary VAD Comp-Embolic Stroke(retired v2.73) <i>Indicate if the patient had embolic stroke caused by a blood clot, air embolus, or tissue, confirmed by CT scan or other diagnostic studies.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								

1007	pvcmpdci	<p>VAD-Primary VAD Comp-Driveline and/or cannula Infection(retired v2.73)</p> <p><i>Indicate if the patient had a driveline and/or cannula infection. Driveline and/or cannula infection is defined as the presence of erythema, drainage, or purulence at the VAD connection site whether entering or exiting the body in association with leukocytosis and in the presence of positive culture.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1008	pvcmpppi	<p>VAD-Primary VAD Comp-Pump Pocket Infection(retired v2.73)</p> <p><i>Indicate if the patient had a pump pocket infection. A pump pocket infection is defined as a persistent drainage in the physical location of the pump, located preperitoneally or intra- abdominally with positive cultures from the pocket site.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1009	pvcmpend	<p>VAD-Primary VAD Comp-VAD Endocarditis(retired v2.73)</p> <p><i>Indicate if the patient had VAD endocarditis. VAD endocarditis is defined as an infection of the blood contacting surface of the VAD device itself. This may include: - internal surfaces; - graft material; - inflow/outflow valves of the VAD.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1010	pvcmpmal	<p>VAD-Primary VAD Comp-Device Malfunction(retired v2.73)</p> <p><i>Indicate if the pump itself is not functioning properly causing hemodynamic compromise, and/or requiring immediate intervention or VAD replacement.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1011	pvcmpphem	<p>VAD-Primary VAD Comp-Hemolysis(retired v2.73)</p> <p><i>Indicate whether patient experienced clinical signs of hemolysis (anemia, low hematocrit, hyperbilirubinemia) and a plasma free hemoglobin > 40 mg/dl within 72 hours of VAD implant.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1012	pvcmpbo	<p>VAD-Primary VAD Comp-Bowel Obstruction(retired v2.73)</p> <p><i>Indicate if the patient was diagnosed with a bowel obstruction post VAD insertion by documentation in the medical record.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1013	mechanical_cardiac_assist_devices_complete	<p>Section Header: <i>Form Status</i></p> <p>Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
<p>Instrument: Ventricular Assist Devices (ventricular_assist_devices)</p>			<p>^ Collapse</p>												
1014	prevad	<p>VAD-Patient Admitted With VAD</p> <p><i>Indicate if at the time of this procedure, the patient has a VAD in place that was inserted during a previous admission or from an outside hospital.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.52.1</p>	1	Yes	2	No								
1	Yes														
2	No														
1015	compmad	<p>Complications Related To Mechanical Assist Device(s)(retired v2.81)</p> <p><i>Indicate whether complications resulted from mechanical assist device(s).</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>No</td></tr> <tr><td>2</td><td>Yes, IABP</td></tr> <tr><td>3</td><td>Yes, CBAD</td></tr> <tr><td>4</td><td>Yes, ECMO</td></tr> <tr><td>5</td><td>Yes, VAD</td></tr> <tr><td>6</td><td>Yes, multiple devices</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4010</p>	1	No	2	Yes, IABP	3	Yes, CBAD	4	Yes, ECMO	5	Yes, VAD	6	Yes, multiple devices
1	No														
2	Yes, IABP														
3	Yes, CBAD														
4	Yes, ECMO														
5	Yes, VAD														
6	Yes, multiple devices														

1016	compmad1	<p>Complications Related To Mechanical Assist Device(s) #1 (retired v2.81)</p> <p><i>Indicate complication related to mechanical assist device(s).</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 109 1360 470"> <tr><td>2</td><td>Cannula / insertion site issue</td></tr> <tr><td>3</td><td>Cardiac</td></tr> <tr><td>4</td><td>GI</td></tr> <tr><td>5</td><td>Hemorrhagic</td></tr> <tr><td>6</td><td>Hemolytic 7 Infection</td></tr> <tr><td>8</td><td>Metabolic</td></tr> <tr><td>9</td><td>Neurologic</td></tr> <tr><td>10</td><td>Pulmonary</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4015</p>	2	Cannula / insertion site issue	3	Cardiac	4	GI	5	Hemorrhagic	6	Hemolytic 7 Infection	8	Metabolic	9	Neurologic	10	Pulmonary	11	Other		
2	Cannula / insertion site issue																						
3	Cardiac																						
4	GI																						
5	Hemorrhagic																						
6	Hemolytic 7 Infection																						
8	Metabolic																						
9	Neurologic																						
10	Pulmonary																						
11	Other																						
1017	compmad2	<p>Complications Related To Mechanical Assist Device(s) #2 (retired v2.81)</p> <p><i>Indicate additional complication or choose no additional complications.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 564 1360 968"> <tr><td>1</td><td>No additional complications</td></tr> <tr><td>2</td><td>Cannula / insertion site issue</td></tr> <tr><td>3</td><td>Cardiac</td></tr> <tr><td>4</td><td>GI</td></tr> <tr><td>5</td><td>Hemorrhagic</td></tr> <tr><td>6</td><td>Hemolytic 7 Infection</td></tr> <tr><td>8</td><td>Metabolic</td></tr> <tr><td>9</td><td>Neurologic</td></tr> <tr><td>10</td><td>Pulmonary</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4020</p>	1	No additional complications	2	Cannula / insertion site issue	3	Cardiac	4	GI	5	Hemorrhagic	6	Hemolytic 7 Infection	8	Metabolic	9	Neurologic	10	Pulmonary	11	Other
1	No additional complications																						
2	Cannula / insertion site issue																						
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6	Hemolytic 7 Infection																						
8	Metabolic																						
9	Neurologic																						
10	Pulmonary																						
11	Other																						
1018	compmad3	<p>Complications Related To Mechanical Assist Device(s) #3 (retired v2.81)</p> <p><i>Indicate additional complication or choose no additional complications.</i></p>	<p>dropdown</p> <table border="1" data-bbox="1042 1064 1360 1467"> <tr><td>1</td><td>No additional complications</td></tr> <tr><td>2</td><td>Cannula / insertion site issue</td></tr> <tr><td>3</td><td>Cardiac</td></tr> <tr><td>4</td><td>GI</td></tr> <tr><td>5</td><td>Hemorrhagic</td></tr> <tr><td>6</td><td>Hemolytic 7 Infection</td></tr> <tr><td>8</td><td>Metabolic</td></tr> <tr><td>9</td><td>Neurologic</td></tr> <tr><td>10</td><td>Pulmonary</td></tr> <tr><td>11</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4025</p>	1	No additional complications	2	Cannula / insertion site issue	3	Cardiac	4	GI	5	Hemorrhagic	6	Hemolytic 7 Infection	8	Metabolic	9	Neurologic	10	Pulmonary	11	Other
1	No additional complications																						
2	Cannula / insertion site issue																						
3	Cardiac																						
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5	Hemorrhagic																						
6	Hemolytic 7 Infection																						
8	Metabolic																						
9	Neurologic																						
10	Pulmonary																						
11	Other																						
1019	prevvadf	<p>Previous VAD Facility</p> <p><i>Indicate if the previously implanted assist device was implanted at another facility.</i></p>	<p>radio</p> <table border="1" data-bbox="1042 1560 1122 1640"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No																
1	Yes																						
2	No																						
1020	prevvadd_deid	<p>Previous VAD Insertion Date (Deid)</p> <p><i>Indicate insertion date of previous VAD.</i></p>	<p>text (date_mdy)</p> <p>Field Annotation: v2.73</p>																				

1021	prevadin	Previous VAD Indication <i>Specify indication for VAD insertion.</i>	dropdown <table border="1"> <tr><td>1</td><td>Bridge to transplant</td></tr> <tr><td>2</td><td>Bridge to recovery</td></tr> <tr><td>3</td><td>Destination</td></tr> <tr><td>4</td><td>Post Cardiectomy Ventricular Failure</td></tr> <tr><td>5</td><td>Device Malfunction</td></tr> <tr><td>6</td><td>End of (Device) Life</td></tr> <tr><td>7</td><td>Salvage</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Bridge to transplant	2	Bridge to recovery	3	Destination	4	Post Cardiectomy Ventricular Failure	5	Device Malfunction	6	End of (Device) Life	7	Salvage
1	Bridge to transplant																
2	Bridge to recovery																
3	Destination																
4	Post Cardiectomy Ventricular Failure																
5	Device Malfunction																
6	End of (Device) Life																
7	Salvage																
1022	prevadty	Previous VAD Type <i>Indicate type of VAD previously inserted.</i>	radio <table border="1"> <tr><td>1</td><td>RVAD</td></tr> <tr><td>2</td><td>LVAD</td></tr> <tr><td>3</td><td>BiVAD</td></tr> <tr><td>4</td><td>TAH</td></tr> </table> <p>Field Annotation: v2.73</p>	1	RVAD	2	LVAD	3	BiVAD	4	TAH						
1	RVAD																
2	LVAD																
3	BiVAD																
4	TAH																
1023	prevaddevice	Previous VAD Device Model Number <i>Indicate Previous VAD device.</i>	text Field Annotation: v2.73														
1024	prevadudi	Previous VAD Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3820														
1025	prevadexp	Previous VAD Explanted During This Admission <i>Indicate whether the previously inserted VAD was explanted during this hospitalization.</i>	radio <table border="1"> <tr><td>1</td><td>Yes, not during this procedure</td></tr> <tr><td>2</td><td>Yes, during this procedure</td></tr> <tr><td>3</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3825</p>	1	Yes, not during this procedure	2	Yes, during this procedure	3	No								
1	Yes, not during this procedure																
2	Yes, during this procedure																
3	No																
1026	prevadexprsn	Previous VAD Explanted During This Admission - Reason <i>Indicate the primary reason the VAD was explanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Cardiac transplant</td></tr> <tr><td>2</td><td>Recovery</td></tr> <tr><td>3</td><td>Device transfer</td></tr> <tr><td>4</td><td>Device-related infection</td></tr> <tr><td>5</td><td>Device malfunction</td></tr> <tr><td>6</td><td>End of (device) life</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3830</p>	1	Cardiac transplant	2	Recovery	3	Device transfer	4	Device-related infection	5	Device malfunction	6	End of (device) life		
1	Cardiac transplant																
2	Recovery																
3	Device transfer																
4	Device-related infection																
5	Device malfunction																
6	End of (device) life																
1027	prevadexpdt_deid	Previous VAD Explanted During This Admission - Date (Deid) <i>Indicate date of explant.</i>	text (date_mdy) Field Annotation: v2.81 SeqNo. 3835														
1028	vadimp	Ventricular Assist Device Implanted During This Hospitalization <i>Indicate whether a VAD was inserted during this hospitalization.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3840</p>	1	Yes	2	No										
1	Yes																
2	No																

1029	vadimptmg	<p>VAD-Implant Timing <i>Indicate timing of VAD insertion.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)</td> </tr> <tr> <td>2</td> <td>Stand-alone VAD procedure</td> </tr> <tr> <td>3</td> <td>In conjunction with CV surgical procedure (same trip to the OR) - planned</td> </tr> <tr> <td>4</td> <td>In conjunction with CV surgical procedure (same trip to the OR) - unplanned</td> </tr> <tr> <td>5</td> <td>Post-operative (after surgical procedure during reoperation)</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 3845</p>	1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)	2	Stand-alone VAD procedure	3	In conjunction with CV surgical procedure (same trip to the OR) - planned	4	In conjunction with CV surgical procedure (same trip to the OR) - unplanned	5	Post-operative (after surgical procedure during reoperation)				
1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)																
2	Stand-alone VAD procedure																
3	In conjunction with CV surgical procedure (same trip to the OR) - planned																
4	In conjunction with CV surgical procedure (same trip to the OR) - unplanned																
5	Post-operative (after surgical procedure during reoperation)																
1030	vadlistvrn	<p>VAD Product Type List Version Number <i>The version number of the list of options available for the VAD product type fields. The value is inserted into the record at the time the record is created. The version numbers will be specified by the STS (retired 2.61)</i></p>	<p>text Field Annotation: v2.61</p>														
1031	vadind	<p>VAD-Indication for this VAD <i>Indicate the reason for implanting a Ventricular Assist Device (VAD) during this hospitalization.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>Bridge to transplant</td> </tr> <tr> <td>2</td> <td>Bridge to recovery</td> </tr> <tr> <td>3</td> <td>Destination</td> </tr> <tr> <td>4</td> <td>Post Cardiectomy Ventricular Failure</td> </tr> <tr> <td>5</td> <td>Device Malfunction</td> </tr> <tr> <td>6</td> <td>End of (Device) Life</td> </tr> <tr> <td>7</td> <td>Salvage</td> </tr> </table> <p>Field Annotation: v2.52.1</p>	1	Bridge to transplant	2	Bridge to recovery	3	Destination	4	Post Cardiectomy Ventricular Failure	5	Device Malfunction	6	End of (Device) Life	7	Salvage
1	Bridge to transplant																
2	Bridge to recovery																
3	Destination																
4	Post Cardiectomy Ventricular Failure																
5	Device Malfunction																
6	End of (Device) Life																
7	Salvage																
1032	vimpty	<p>VAD-Implant Type <i>Indicate the first type of VAD implanted during this hospitalization.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>Right VAD (RVAD)</td> </tr> <tr> <td>2</td> <td>Left VAD (LVAD)</td> </tr> <tr> <td>3</td> <td>Biventricular VAD (BiVAD)</td> </tr> <tr> <td>4</td> <td>Total Artificial Heart (TAH)</td> </tr> </table> <p>Field Annotation: v2.52.1</p>	1	Right VAD (RVAD)	2	Left VAD (LVAD)	3	Biventricular VAD (BiVAD)	4	Total Artificial Heart (TAH)						
1	Right VAD (RVAD)																
2	Left VAD (LVAD)																
3	Biventricular VAD (BiVAD)																
4	Total Artificial Heart (TAH)																
1033	vprodty	<p>VAD-Device <i>Indicate the VAD brand name implanted. Implant defined as physical placement of the VAD.</i></p>	<p>text Field Annotation: v2.52.1</p>														
1034	vimpdt_deid	<p>VAD-Implant Date (Deid) <i>Indicate the date the VAD was implanted.</i></p>	<p>text (date_mdy) Field Annotation: v2.52.1</p>														
1035	vimpudi	<p>VAD-Implant Unique Device Identifier (UDI) <i>Indicate the device UDI if available, otherwise leave blank.</i></p>	<p>text Field Annotation: v2.81 SeqNo. 3870</p>														
1036	vexp	<p>VAD-Explant <i>Indicate if the VAD was explanted. Explant is defined as physical removal of the VAD.</i></p>	<p>radio</p> <table border="1"> <tr> <td>3</td> <td>Yes, not during this procedure</td> </tr> <tr> <td>4</td> <td>Yes, during this procedure</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.52.1</p>	3	Yes, not during this procedure	4	Yes, during this procedure	1	Yes	2	No						
3	Yes, not during this procedure																
4	Yes, during this procedure																
1	Yes																
2	No																

1037	vexprsn	VAD-Explant Reason <i>Indicate the reason the VAD was explanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Cardiac transplant</td></tr> <tr><td>2</td><td>Recovery</td></tr> <tr><td>3</td><td>Device transfer</td></tr> <tr><td>4</td><td>Device-related infection</td></tr> <tr><td>5</td><td>Device malfunction</td></tr> <tr><td>6</td><td>End of (device) life</td></tr> </table> Field Annotation: v2.52.1	1	Cardiac transplant	2	Recovery	3	Device transfer	4	Device-related infection	5	Device malfunction	6	End of (device) life		
1	Cardiac transplant																
2	Recovery																
3	Device transfer																
4	Device-related infection																
5	Device malfunction																
6	End of (device) life																
1038	vexpdt_deid	VAD-Explant Date (Deid) <i>Indicate the date the VAD was explanted.</i>	text (date_mdy) Field Annotation: v2.52.1														
1039	vimp2	VAD-Implant #2 <i>Indicate whether a second ventricular assist device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No										
1	Yes																
2	No																
1040	vadimptmg2	VAD-Implant Timing #2 <i>Indicate timing of VAD #2 insertion.</i>	dropdown <table border="1"> <tr><td>1</td><td>Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)</td></tr> <tr><td>2</td><td>Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned</td></tr> <tr><td>5</td><td>Post-operative (after surgical procedure during reoperation)</td></tr> </table> Field Annotation: v2.81 SeqNo. 3900	1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)	2	Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned	5	Post-operative (after surgical procedure during reoperation)								
1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)																
2	Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned																
5	Post-operative (after surgical procedure during reoperation)																
1041	vadind2	VAD-Indication for this VAD #2 <i>Indicate the reason for implanting a Ventricular Assist Device (VAD) #2 during this hospitalization.</i>	dropdown <table border="1"> <tr><td>1</td><td>Bridge to transplant</td></tr> <tr><td>2</td><td>Bridge to recovery</td></tr> <tr><td>3</td><td>Destination</td></tr> <tr><td>4</td><td>Post Cardiomy Ventricular Failure</td></tr> <tr><td>5</td><td>Device Malfunction</td></tr> <tr><td>6</td><td>End of (Device) Life</td></tr> <tr><td>7</td><td>Salvage</td></tr> </table> Field Annotation: v2.81 SeqNo. 3905	1	Bridge to transplant	2	Bridge to recovery	3	Destination	4	Post Cardiomy Ventricular Failure	5	Device Malfunction	6	End of (Device) Life	7	Salvage
1	Bridge to transplant																
2	Bridge to recovery																
3	Destination																
4	Post Cardiomy Ventricular Failure																
5	Device Malfunction																
6	End of (Device) Life																
7	Salvage																
1042	vimpty2	VAD-Implant Type #2 <i>Indicate the second type of ventricular assist device implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Right VAD (RVAD)</td></tr> <tr><td>2</td><td>Left VAD (LVAD)</td></tr> <tr><td>3</td><td>Biventricular VAD (BIVAD)</td></tr> <tr><td>4</td><td>Total Artificial Heart (TAH)</td></tr> </table> Field Annotation: v2.52.1	1	Right VAD (RVAD)	2	Left VAD (LVAD)	3	Biventricular VAD (BIVAD)	4	Total Artificial Heart (TAH)						
1	Right VAD (RVAD)																
2	Left VAD (LVAD)																
3	Biventricular VAD (BIVAD)																
4	Total Artificial Heart (TAH)																
1043	vprodty2	VAD-Device #2 <i>Indicate the specific product #2 implanted. Implant defined as physical placement of the VAD.</i>	text Field Annotation: v2.52.1														
1044	vimpdt2_deid	VAD-Implant Date #2 (Deid) <i>Indicate the date the VAD #2 was implanted.</i>	text (date_mdy) Field Annotation: v2.52.1														
1045	vimpudi2	VAD-Implant Unique Device Identifier (UDI) #2 <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3925														

1046	vexp2	VAD-Explant #2 <i>Indicate if the VAD #2 was explanted. Explant is defined as physical removal of the VAD.</i>	dropdown <table border="1"> <tr><td>3</td><td>Yes, not during this procedure</td></tr> <tr><td>4</td><td>Yes, during this procedure</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.52.1</p>	3	Yes, not during this procedure	4	Yes, during this procedure	2	No								
3	Yes, not during this procedure																
4	Yes, during this procedure																
2	No																
1047	vexprsn2	VAD-Explant Reason #2 <i>Indicate the reason the VAD #2 was explanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Cardiac transplant</td></tr> <tr><td>2</td><td>Recovery</td></tr> <tr><td>3</td><td>Device transfer</td></tr> <tr><td>4</td><td>Device-related infection</td></tr> <tr><td>5</td><td>Device malfunction</td></tr> <tr><td>6</td><td>End of (device) life</td></tr> </table> <p>Field Annotation: v2.52.1</p>	1	Cardiac transplant	2	Recovery	3	Device transfer	4	Device-related infection	5	Device malfunction	6	End of (device) life		
1	Cardiac transplant																
2	Recovery																
3	Device transfer																
4	Device-related infection																
5	Device malfunction																
6	End of (device) life																
1048	vexpdt2_deid	VAD-Explant Date #2 (Deid) <i>Indicate the date the VAD #2 was explanted.</i>	text (date_mdy) Field Annotation: v2.52.1														
1049	vimp3	VAD-Implant #3 <i>Indicate whether a third ventricular assist device was implanted.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No										
1	Yes																
2	No																
1050	vadimptmg3	VAD-Implant Timing #3 <i>Indicate timing of VAD #3 insertion.</i>	dropdown <table border="1"> <tr><td>1</td><td>Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)</td></tr> <tr><td>2</td><td>Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned</td></tr> <tr><td>5</td><td>Post-operative (after surgical procedure during reoperation)</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3955</p>	1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)	2	Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned	5	Post-operative (after surgical procedure during reoperation)								
1	Pre-operative (during same hospitalization but not same OR trip as CV surgical procedure)																
2	Stand-alone VAD procedure 3 In conjunction with CV surgical procedure (same trip to the OR) - planned 4 In conjunction with CV surgical procedure (same trip to the OR) - unplanned																
5	Post-operative (after surgical procedure during reoperation)																
1051	vadind3	VAD-Indication for this VAD #3 <i>Indicate the reason for implanting a Ventricular Assist Device (VAD)#3 during this hospitalization.</i>	dropdown <table border="1"> <tr><td>1</td><td>Bridge to transplant</td></tr> <tr><td>2</td><td>Bridge to recovery</td></tr> <tr><td>3</td><td>Destination</td></tr> <tr><td>4</td><td>Post Cardiotomy Ventricular Failure</td></tr> <tr><td>5</td><td>Device Malfunction</td></tr> <tr><td>6</td><td>End of (Device) Life</td></tr> <tr><td>7</td><td>Salvage</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 3960</p>	1	Bridge to transplant	2	Bridge to recovery	3	Destination	4	Post Cardiotomy Ventricular Failure	5	Device Malfunction	6	End of (Device) Life	7	Salvage
1	Bridge to transplant																
2	Bridge to recovery																
3	Destination																
4	Post Cardiotomy Ventricular Failure																
5	Device Malfunction																
6	End of (Device) Life																
7	Salvage																
1052	vimpty3	VAD-Implant Type #3 <i>Indicate the third type of ventricular assist device implanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Right VAD (RVAD)</td></tr> <tr><td>2</td><td>Left VAD (LVAD)</td></tr> <tr><td>3</td><td>Biventricular VAD (BiVAD)</td></tr> <tr><td>4</td><td>Total Artificial Heart (TAH)</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Right VAD (RVAD)	2	Left VAD (LVAD)	3	Biventricular VAD (BiVAD)	4	Total Artificial Heart (TAH)						
1	Right VAD (RVAD)																
2	Left VAD (LVAD)																
3	Biventricular VAD (BiVAD)																
4	Total Artificial Heart (TAH)																
1053	vprodty3	VAD-Device #3 <i>Indicate the specific product #3 implanted. Implant defined as physical placement of the VAD.</i>	text Field Annotation: v2.61														
1054	vimpdt3_deid	VAD-Implant Date #3 (Deid) <i>Indicate the date the VAD #3 was implanted.</i>	text (date_mdy) Field Annotation: v2.61														

1055	vimpudi3	VAD-Implant Unique Device Identifier (UDI) #3 <i>Indicate the device UDI if available, otherwise leave blank.</i>	text Field Annotation: v2.81 SeqNo. 3980												
1056	vexp3	VAD-Explant #3 <i>Indicate if the VAD #3 was explanted. Explant is defined as physical removal of the VAD.</i>	radio <table border="1"> <tr><td>3</td><td>Yes, not during this procedure</td></tr> <tr><td>4</td><td>Yes, during this procedure</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	3	Yes, not during this procedure	4	Yes, during this procedure	2	No						
3	Yes, not during this procedure														
4	Yes, during this procedure														
2	No														
1057	vexprs3	VAD-Explant Reason #3 <i>Indicate the reason the VAD #3 was explanted.</i>	dropdown <table border="1"> <tr><td>1</td><td>Cardiac transplant</td></tr> <tr><td>2</td><td>Recovery</td></tr> <tr><td>3</td><td>Device transfer</td></tr> <tr><td>4</td><td>Device-related infection</td></tr> <tr><td>5</td><td>Device malfunction</td></tr> <tr><td>6</td><td>End of (device) life</td></tr> </table> Field Annotation: v2.61	1	Cardiac transplant	2	Recovery	3	Device transfer	4	Device-related infection	5	Device malfunction	6	End of (device) life
1	Cardiac transplant														
2	Recovery														
3	Device transfer														
4	Device-related infection														
5	Device malfunction														
6	End of (device) life														
1058	vexpdt3_deid	VAD-Explant Date #3 (Deid) <i>Indicate the date the VAD #3 was explanted.</i>	text (date_mdy) Field Annotation: v2.61												
1059	ventricular_assist_devices_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Other Cardiac Procedures (other_cardiac_procedures)			^ Collapse												
1060	ocaraspfo	Other Card-ASD Repair - PFO Type <i>Indicate whether a patent foramen ovale (PFO) was repaired.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4030	1	Yes	2	No								
1	Yes														
2	No														
1061	ocarassec	Other Card-ASD Repair - Secundum Or Sinus Venosus <i>Indicate whether a secundum or sinus venosus ASD was repaired.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4035	1	Yes	2	No								
1	Yes														
2	No														
1062	ocarafibintrales	Other Card-AFib Intracardiac Lesions <i>Indicate whether intracardiac lesions were created for the purpose of AFib ablation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4040	1	Yes	2	No								
1	Yes														
2	No														
1063	ocarafibeples	Other Card-AFib Epicardial Lesions <i>Indicate whether epicardial lesions were created for the purpose of AFib ablation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4045	1	Yes	2	No								
1	Yes														
2	No														
1064	ocarbati	Other Card-Batista(retired v2.61) <i>Indicate whether the patient had a Left Ventricular Reduction Myoplasty either in conjunction with, or as the primary surgical procedure. Left Ventricular Reduction Myoplasty is a procedure whereby left ventricular myocardium is excised to reduce left ventricular volume in patients with a dilated cardiomyopathy, with or without mitral valve replacement or repair. If a concomitant valve procedure is performed, please check that category also.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														

1065	ocaraaproc	Other Card-Atrial Appendage Procedure <i>Indicate whether atrial appendage ligation/exclusion was performed.</i>	radio <table border="1"> <tr><td>1</td><td>RAA</td></tr> <tr><td>2</td><td>LAA</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4050	1	RAA	2	LAA	3	Both	4	No				
1	RAA														
2	LAA														
3	Both														
4	No														
1066	ocaraameth	Other Card-Atrial Appendage Ligation/Exclusion Method <i>Indicate the method used to ligate/exclude the atrial appendage</i>	dropdown <table border="1"> <tr><td>1</td><td>Intra-atrial oversewing</td></tr> <tr><td>2</td><td>Epicardial suture ligation</td></tr> <tr><td>3</td><td>Amputation with oversewing</td></tr> <tr><td>4</td><td>Stapler (cutting)</td></tr> <tr><td>5</td><td>Stapler (noncutting)</td></tr> <tr><td>6</td><td>Epicardially applied occlusion device</td></tr> </table> Field Annotation: v2.9 SeqNo. 4051	1	Intra-atrial oversewing	2	Epicardial suture ligation	3	Amputation with oversewing	4	Stapler (cutting)	5	Stapler (noncutting)	6	Epicardially applied occlusion device
1	Intra-atrial oversewing														
2	Epicardial suture ligation														
3	Amputation with oversewing														
4	Stapler (cutting)														
5	Stapler (noncutting)														
6	Epicardially applied occlusion device														
1067	ocaraamodel	Other Card-Atrial Appendage Ligation/Exclusion Model <i>Indicate the epicardial occlusion device model used</i>	text Field Annotation: v2.9 SeqNo. 4052												
1068	ocaraaudi	Other Card-Atrial Appendage Ligation/Exclusion UDI <i>Indicate the Unique Device Identifier of the epicardial occlusion device</i>	text Field Annotation: v2.9 SeqNo. 4053												
1069	ocaracd	Other Card-Arrhythmia Device Surgery <i>Indicate which arrhythmia correction device was surgically placed in conjunction with the primary surgical procedure.</i>	dropdown <table border="1"> <tr><td>2</td><td>Permanent Pacemaker</td></tr> <tr><td>3</td><td>Permanent Pacemaker w/ Cardiac Resynchronization Technique (CRT)</td></tr> <tr><td>4</td><td>Implantable Cardioverter Defibrillator (ICD)</td></tr> <tr><td>5</td><td>ICD with CRT</td></tr> <tr><td>6</td><td>Implantable recorder</td></tr> <tr><td>1</td><td>None</td></tr> </table> Field Annotation: v2.52.1	2	Permanent Pacemaker	3	Permanent Pacemaker w/ Cardiac Resynchronization Technique (CRT)	4	Implantable Cardioverter Defibrillator (ICD)	5	ICD with CRT	6	Implantable recorder	1	None
2	Permanent Pacemaker														
3	Permanent Pacemaker w/ Cardiac Resynchronization Technique (CRT)														
4	Implantable Cardioverter Defibrillator (ICD)														
5	ICD with CRT														
6	Implantable recorder														
1	None														
1070	ocarleadinsert	Other Card-Lead Insertion <i>Indicate whether lead(s) insertion was performed. Do not capture temporary lead placement.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4060	1	Yes	2	No								
1	Yes														
2	No														
1071	ocaracdle	Other Card-Arrhythmia Correction Surgery-Lead Extraction <i>Indicate whether procedure included lead extraction for a device intended to treat cardiac arrhythmias.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	2	No		
1	Yes														
3	Yes, planned														
4	Yes, unplanned due to surgical complication														
5	Yes, unplanned due to unsuspected disease or anatomy														
2	No														
1072	ocarcong	Other Card-Congenital <i>Indicate whether the patient had a congenital defect repair either in conjunction with, or as the primary surgical procedure. Do not include bicuspid Aortic valve or PFO here as these are captured elsewhere.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1073	ocarlva	Other Card-LVA <i>Indicate whether the patient had a Left Ventricular Aneurysm Repair either in conjunction with, or as the primary surgical procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														

1074	ocarstemcell	Other Card-Myocardial Stem Cell Therapy <i>Indicate whether myocardial stem cell procedure was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4080	1	Yes	2	No								
1	Yes														
2	No														
1075	ocpulthromdis	Other Card-Pulmonary Thromboembolctomy <i>Indicate whether the patient had surgery for pulmonary thromboembolic disease.</i>	radio <table border="1"> <tr><td>2</td><td>Yes, Acute</td></tr> <tr><td>3</td><td>Yes, Chronic</td></tr> <tr><td>1</td><td>No</td></tr> </table> Field Annotation: v2.73	2	Yes, Acute	3	Yes, Chronic	1	No						
2	Yes, Acute														
3	Yes, Chronic														
1	No														
1076	ocarsubastenres	Other Card-Subaortic Stenosis Resection <i>Indicate whether resection of subaortic stenosis was performed.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4090	1	Yes	2	No								
1	Yes														
2	No														
1077	ocarsubastenresty	Other Card-Subaortic Stenosis Resection Type <i>Indicate the type of subaortic stenosis.</i>	radio <table border="1"> <tr><td>1</td><td>Muscle</td></tr> <tr><td>2</td><td>Ring</td></tr> <tr><td>3</td><td>Membrane</td></tr> <tr><td>4</td><td>Web</td></tr> <tr><td>5</td><td>Not reported</td></tr> </table> Field Annotation: v2.81 SeqNo. 4100	1	Muscle	2	Ring	3	Membrane	4	Web	5	Not reported		
1	Muscle														
2	Ring														
3	Membrane														
4	Web														
5	Not reported														
1078	ocarsvr	Other Card-Surgical Ventricular Restoration <i>Indicate whether the patient had a Surgical Ventricular Restoration either in conjunction with, or as the primary surgical procedure. Surgical Ventricular Restorations are procedures that restore the geometry of the heart after an anterior MI. They include the Dor procedure or the SAVER procedure. This SVR procedure is distinct from an anterior left ventricular aneurysmectomy (LVA) and from a Batista procedure (left ventricular volume reduction procedure).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.41	1	Yes	2	No								
1	Yes														
2	No														
1079	ocaracd1	Other Card-Arrhythmia Correction Surgery-Lead Placement(retired v2.61) <i>Indicate which lead placement was used for the permanent pacemaker with CRT or AICD with CRT Epicardial: the outer most layer of the heart. Endocardial: the inner most layer of the heart.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No								
1	Yes														
2	No														
1080	ocarlasr	Other Card-Transmyocardial Laser Revascularization <i>Indicate whether the patient underwent the creation of multiple channels in left ventricular myocardium with a laser fiber either in conjunction with, or as the primary surgical procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1081	octumor	Other Card-Tumor <i>Indicate whether the patient had resection of an intracardiac tumor.</i>	radio <table border="1"> <tr><td>2</td><td>Myxoma</td></tr> <tr><td>3</td><td>Fibroelastoma</td></tr> <tr><td>4</td><td>Hypernephroma</td></tr> <tr><td>5</td><td>Sarcoma</td></tr> <tr><td>6</td><td>Other</td></tr> <tr><td>1</td><td>No</td></tr> </table> Field Annotation: v2.73	2	Myxoma	3	Fibroelastoma	4	Hypernephroma	5	Sarcoma	6	Other	1	No
2	Myxoma														
3	Fibroelastoma														
4	Hypernephroma														
5	Sarcoma														
6	Other														
1	No														

1082	ocarafib	Other Card-Atrial Fibrillation Correction Surgery(retired v2.61) <i>Indicate if one of the following atrial fibrillation correction surgeries was performed either in conjunction with, or as the primary surgical procedure. The intent of both surgeries is to preclude the atria from fibrillating by disrupting the abnormal reentry pathways of electronic signals that lead to atrial fibrillation. Standard Surgical Maze Procedure: Surgical procedure in which full thickness incisions are</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Standard Surgical Maze Procedure</td></tr> <tr><td>3</td><td>Other Surgical Ablative Procedure</td></tr> <tr><td>4</td><td>Combination of Standard and Other procedures</td></tr> </table> Field Annotation: v2.61	1	None	2	Standard Surgical Maze Procedure	3	Other Surgical Ablative Procedure	4	Combination of Standard and Other procedures
1	None										
2	Standard Surgical Maze Procedure										
3	Other Surgical Ablative Procedure										
4	Combination of Standard and Other procedures										
1083	ocarcrtx	Other Card-Card Tx <i>Indicate whether the patient had a Heterotopic or Orthotopic heart transplantation either in conjunction with, or as the primary surgical procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1084	ocarasd	Other Card-ASD(retired v2.73) <i>Indicate whether the patient had an Atrial Septal Defect Repair either in conjunction with, or as the primary surgical procedure including but not limited to ASD, Secundum; ASD, Sinus venosus; and PFO.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
1085	ocartma	Other Card-Cardiac Trauma <i>Indicate whether the patient had a surgical procedure for an injury due to Cardiac Trauma either in conjunction with, or as the primary surgical procedure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1086	ocarasdy	Other Card-ASD-Type(retired v2.73) <i>Indicate the type of Atrial Septal Defect.</i>	dropdown <table border="1"> <tr><td>1</td><td>Secundum</td></tr> <tr><td>2</td><td>Sinus Venosus</td></tr> <tr><td>3</td><td>PFO</td></tr> </table> Field Annotation: v2.73	1	Secundum	2	Sinus Venosus	3	PFO		
1	Secundum										
2	Sinus Venosus										
3	PFO										
1087	ocarvsd	Other Card-VSD <i>Indicate whether the patient had a Ventricular Septal Defect Repair either in conjunction with, or as the primary surgical procedure.</i>	radio <table border="1"> <tr><td>3</td><td>Yes, congenital</td></tr> <tr><td>4</td><td>Yes, acquired</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	3	Yes, congenital	4	Yes, acquired	1	Yes	2	No
3	Yes, congenital										
4	Yes, acquired										
1	Yes										
2	No										
1088	endoproc	Other Card-Endovascular Procedure (TEVAR)(retired v2.73) <i>Indicate whether an aortic endovascular stent graft was performed/deployed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
1089	ocarothr	Other Card-Other <i>Indicate whether the patient had another cardiac procedure performed either in conjunction with, or as the primary surgical procedure that is not included within this section.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1090	endoprocdeb	Other Card-Endovascular Debranching(retired v2.73) <i>Indicate whether debranching was performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										

1091	ocarafibsur	Other Card-Atrial Fibrillation Surgical Procedure(retired v2.73) <i>Indicate whether atrial fibrillation correction surgery was performed as the primary procedure or in conjunction with another procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1092	oncaoan	Other Card-Ao Aneur(retired v2.61) <i>Indicate whether the patient underwent an aortic aneurysm repair either in conjunction with, or as the primary surgical procedure. This includes dissections, non-dissections and ruptures of the aorta.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No		
1	Yes								
2	No								
1093	ocarafibsurloc	Other Card-Atrial Fibrillation Surgical Procedure-Location(retired v2.73) <i>Indicate the location of the AFib ablation procedure.</i>	dropdown <table border="1"> <tr><td>1</td><td>Biatrial</td></tr> <tr><td>2</td><td>Left atrial only</td></tr> <tr><td>3</td><td>Right atrial only</td></tr> </table> Field Annotation: v2.73	1	Biatrial	2	Left atrial only	3	Right atrial only
1	Biatrial								
2	Left atrial only								
3	Right atrial only								
1094	ocarafibsurlaa	Other Card-Atrial Fibrillation Surgical Procedure-Left Atrial Appendage Obliterated(retired v2.73) <i>Indicate whether left atrial appendage was obliterated. Includes oversewing, ligation, stapling, clipping, and/or plication.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1095	ocarafibmethultra	Other Card-Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Ultrasound(retired v2.73) <i>Indicate whether the method used to create the lesion for the AFib ablation procedure included ultrasound.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1096	ocarafibmethmicro	Other Card-Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Microwave(retired v2.73) <i>Indicate whether the method used to create the lesion for the AFib ablation procedure included microwave.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1097	ocarafibmethlas	Other Card-Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Laser(retired v2.73) <i>Indicate whether the method used to create the lesion for the AFib ablation procedure included laser.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1098	ocaracdli	Other Card-Arrhythmia Correction Surgery-Lead Insertion or Replacement(retired v2.73) <i>Indicate whether procedure included lead insertion or replacement for a device intended to treat cardiac arrhythmias.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No		
1	Yes								
2	No								
1099	ocarafibaproc	Other Card-Atrial Fibrillation Ablation Procedure(retired v2.73) <i>Indicate what atrial fibrillation ablation procedure was performed.</i>	dropdown <table border="1"> <tr><td>1</td><td>Primarily epicardial procedure</td></tr> <tr><td>2</td><td>Primarily intracardiac procedure</td></tr> </table> Field Annotation: v2.73	1	Primarily epicardial procedure	2	Primarily intracardiac procedure		
1	Primarily epicardial procedure								
2	Primarily intracardiac procedure								

1100	ocaoproctype	<p>Other Card-Aortic Procedure Type (retired v2.73) <i>Indicate the type of aortic procedure performed in conjunction with another procedure or as the primary procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Aneurysm</td></tr> <tr><td>3</td><td>Dissection (including intramural hematoma)</td></tr> <tr><td>4</td><td>Trauma</td></tr> <tr><td>5</td><td>Coarctation</td></tr> <tr><td>6</td><td>Other</td></tr> </table> <p>Field Annotation: v2.73</p>	1	None	2	Aneurysm	3	Dissection (including intramural hematoma)	4	Trauma	5	Coarctation	6	Other
1	None														
2	Aneurysm														
3	Dissection (including intramural hematoma)														
4	Trauma														
5	Coarctation														
6	Other														
1101	oncaort	<p>Other Card-Aortic Root(retired v2.73) <i>Indicate if the patient underwent repair of an aortic root aneurysm either in conjunction with, or as the primary surgical procedure. Aneurysm refers to pathologic dilatation of the aorta.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1102	oncaograft	<p>Other Card-Aortic Root Graft(retired v2.73) <i>Indicate whether a Dacron graft was used to replace the ascending aorta (between the sinotubular junction and the origin of the innominate artery) - this includes a "hemiarch" replacement as well as a Wheat procedure. Also includes valve-sparing root reimplantation and remodeling operations. If the ascending aorta was replaced with a Dacron graft, record as "yes" and also go to AVR section and record device model, size, etc. there.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1103	oncasc	<p>Other Card-Asc(retired v2.73) <i>Indicate if the patient underwent repair of ascending aortic aneurysm either in conjunction with, or as the primary surgical procedure. Aneurysm refers to pathologic dilatation of the aorta. The ascending aorta begins at the aortic annulus and ends at the origin of the innominate artery where the aorta continues as the transverse arch.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1104	oncarch	<p>Other Card-Arch(retired v2.73) <i>Indicate if the patient underwent repair of aneurysm in the arch of the aorta either in conjunction with, or as the primary surgical procedure. The arch begins at the origin of the innominate artery and ends beneath the left subclavian artery. It is the portion of the aorta at the top of the heart that gives off three important blood vessels; the innominate artery, the left carotid artery and the left subclavian artery.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1105	oncarchrepxt	<p>Other Card-Arch Repair Extent(retired v2.73) <i>Indicate the extent of the arch repair.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1106	oncdesc	<p>Other Card-Desc(retired v2.73) <i>Indicate if the patient underwent repair of a descending aortic aneurysm either in conjunction with, or as the primary surgical procedure. The descending aorta is the portion of the aorta between the arch and the abdomen.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1107	oncthabd	<p>Other Card-Thoracoabdominal Aneurysm(retired v2.73) <i>Indicate if the patient underwent repair of a thoracoabdominal aneurysm either in conjunction with, or as the primary surgical procedure. Thoracoabdominal aneurysms can involve the entire thoracoabdominal aorta from the origin of the left subclavian artery to the aortic bifurcation or can involve only one or more segments of the abdominal aorta.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1108	oncthabdgraft	<p>Other Card-Thoracoabdominal Graft Replacement(retired v2.73) <i>Indicate whether a graft replacement was used.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1109	oncthabdinterves	<p>Other Card-Thoracoabdominal-Intercostal Vessels(retired v2.73) <i>Indicate whether intercostal vessels were re-implanted.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														

1110	oncthabdlumcsf	Other Card-Thoracoabdominal-CSF Drainage(retired v2.73) <i>Indicate whether lumbar CSF drainage was utilized.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1111	oncthabdextent	Other Card-Thoracoabdominal-Extent Replaced(retired v2.73) <i>Indicate extent of descending aorta replacement.</i>	dropdown <table border="1"> <tr><td>1</td><td>Proximal</td></tr> <tr><td>2</td><td>Mid</td></tr> <tr><td>3</td><td>Distal</td></tr> <tr><td>4</td><td>Proximal - Mid</td></tr> <tr><td>5</td><td>Proximal - Mid - Distal</td></tr> <tr><td>6</td><td>Mid-Distal</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Proximal	2	Mid	3	Distal	4	Proximal - Mid	5	Proximal - Mid - Distal	6	Mid-Distal
1	Proximal														
2	Mid														
3	Distal														
4	Proximal - Mid														
5	Proximal - Mid - Distal														
6	Mid-Distal														
1112	aodisac	Other Card-Aortic Dissection-Acute(retired v2.73) <i>Indicate whether aortic dissection is acute (< 14 days prior to procedure).</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1113	aodistyp	Other Card-Aortic Dissection Type(retired v2.73) <i>Indicate aortic dissection type.</i>	dropdown <table border="1"> <tr><td>1</td><td>Stanford Type A</td></tr> <tr><td>2</td><td>Stanford Type B</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Stanford Type A	2	Stanford Type B								
1	Stanford Type A														
2	Stanford Type B														
1114	aotrtyp	Other Card-Aortic Trauma type(retired v2.73) <i>Indicate type of aortic trauma.</i>	dropdown <table border="1"> <tr><td>1</td><td>Blunt</td></tr> <tr><td>2</td><td>Penetrating</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Blunt	2	Penetrating								
1	Blunt														
2	Penetrating														
1115	other_cardiac_procedures_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Atrial Fibrillation Procedures (atrial_fibrillation_procedures)			^ Collapse												
1116	ocarafiblesloc	AFib Lesion Location <i>Indicate the location of the majority of lesions created to treat atrial fibrillation.</i>	radio <table border="1"> <tr><td>1</td><td>Primarily epicardial</td></tr> <tr><td>2</td><td>Primarily Intracardiac</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4191</p>	1	Primarily epicardial	2	Primarily Intracardiac								
1	Primarily epicardial														
2	Primarily Intracardiac														
1117	ocarafibmethrad	Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Radio Frequency <i>Indicate whether the method used to create the lesion(s) for the AFib ablation procedure included radio frequency.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1118	ocarafibmethradbi	Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Radio Frequency - Bipolar <i>Indicate whether the radiofrequency method used to create the lesion(s) for the AFib ablation was bipolar.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4205</p>	1	Yes	2	No								
1	Yes														
2	No														

1119	ocarafibmethcas	Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Cut- And-Sew <i>Indicate whether the method used to create the lesion(s) for the AFib ablation procedure included cut-and-sew.</i>	radio 1 Yes 2 No Field Annotation: v2.73
1120	ocarafibmethcryo	Atrial Fibrillation Surgical Procedure-Method of Lesion Creation - Cryo <i>Indicate whether the method used to create the lesion(s) for the AFib ablation procedure included cryoablation.</i>	radio 1 Yes 2 No Field Annotation: v2.73
1121	ocarlesdoc	Lesions Documented <i>Indicate whether the lesions created during the atrial fibrillation surgery are documented.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4240
1122	afibles1	AFib Lesion Location - Bilateral Pulmonary Vein Isolation <i>Indicate whether the AFib lesion was pulmonary vein isolation.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4250
1123	afibles2	AFib Lesion Location - Box Lesion Only <i>Indicate whether the AFib lesion was a box lesion</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4255
1124	afibles3a	AFib Lesion Location - Inferior Pulmonary Vein Connecting Lesion <i>Indicate whether the AFib lesion was an Inferior Pulmonary Vein Connecting Lesion</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4260
1125	afibles3b	AFib Lesion Location - Superior Pulmonary Vein Connecting Lesion <i>Indicate whether the AFib lesion was a Superior Pulmonary Vein Connecting Lesion</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4265
1126	afibles4	AFib Lesion Location - Posterior Mitral Annular Line Lesion <i>Indicate whether the AFib lesion was a Posterior Mitral Annular Line</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4270
1127	afibles5	AFib Lesion Location - Pulmonary Vein Connecting Lesion to Anterior Mitral Annulus <i>Indicate whether the AFib lesion was a - Pulmonary Vein Connecting Lesion to Anterior Mitral Annulus lesion.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4275
1128	afibles6	AFib Lesion Location - Mitral Valve Annular Lesion <i>Indicate whether the AFib lesion was a Mitral Valve Cryo Lesion</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4280
1129	afibles7	AFib Lesion Location - LAA Ligation/Removal/Obliteration <i>Indicate whether the left Atrial Appendage was ligated or removed</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4285

1130	afibles8	AFib Lesion Location - Pulmonary Vein to LAA Lesion <i>Indicate whether the AFib lesion was a Pulmonary Vein to LAA lesion</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4290	1	Yes	2	No
1	Yes						
2	No						
1131	afibles9	AFib Lesion Location - Intercaval Line to Tricuspid Annulus ('T' lesion) <i>Indicate whether the AFib lesion was an Intercaval Line to Tricuspid Annulus ('T' lesion)</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4295	1	Yes	2	No
1	Yes						
2	No						
1132	afibles10	AFib Lesion Location - Tricuspid Cryo Lesion, Medial (10) <i>Indicate whether the AFib lesion was a Tricuspid Cryo Lesion, Medial (10)</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo.	1	Yes	2	No
1	Yes						
2	No						
1133	afibles11	AFib Lesion Location - Intercaval Line (SVC and IVC) <i>Indicate whether the AFib lesion was an Intercaval Line</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4305	1	Yes	2	No
1	Yes						
2	No						
1134	afibles12	AFib Lesion Location - Tricuspid Annular Line to RAA <i>Indicate whether the AFib lesion was a Tricuspid Annular Line to RAA lesion</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4310	1	Yes	2	No
1	Yes						
2	No						
1135	afibles13	AFib Lesion Location - Tricuspid Cryo Lesion (13) <i>Indicate whether the AFib lesion was a Tricuspid Cryo Lesion (13)</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4315	1	Yes	2	No
1	Yes						
2	No						
1136	afibles14	AFib Lesion Location - RAA Ligation/Removal/Obliteration <i>Indicate whether the Right Atrial Appendage was ligated or removed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4320	1	Yes	2	No
1	Yes						
2	No						
1137	afibles15a	AFib Lesion Location - RAA Lateral Wall (Short) <i>Indicate whether the AFib lesion was a RAA Lateral Wall (Short) lesion</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4325	1	Yes	2	No
1	Yes						
2	No						
1138	afibles15b	AFib Lesion Location - RAA Lateral Wall to 'T' Lesion <i>Indicate whether the AFib lesion was a RAA Lateral Wall to 'T' Lesion</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4330	1	Yes	2	No
1	Yes						
2	No						
1139	afibles16	AFib Lesion Location - Other(retired v2.81) <i>Indicate whether the AFib lesion was a lesion other than those previously described</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4335	1	Yes	2	No
1	Yes						
2	No						
1140	afitlescsl	AFib Lesion Location - Coronary Sinus Lesion <i>Indicate whether the AFib lesion was a Coronary Sinus Lesion.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 4336	1	Yes	2	No
1	Yes						
2	No						

1141	atrial_fibrillation_procedures_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				
Instrument: Aorta And Aortic Root Procedures (aorta_and_aortic_root_procedures) ^ Collapse																					
1142	famhistaorta	Section Header: <i>History</i> Family History Of Disease Of The Aorta <i>Indicate whether there is a family history of disease of the aorta</i>	dropdown <table border="1"> <tr><td>1</td><td>Aneurysm</td></tr> <tr><td>2</td><td>Dissection</td></tr> <tr><td>3</td><td>Both Aneurysm and Dissection</td></tr> <tr><td>4</td><td>Sudden Death</td></tr> <tr><td>5</td><td>None</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4500	1	Aneurysm	2	Dissection	3	Both Aneurysm and Dissection	4	Sudden Death	5	None	6	Unknown						
1	Aneurysm																				
2	Dissection																				
3	Both Aneurysm and Dissection																				
4	Sudden Death																				
5	None																				
6	Unknown																				
1143	patgenhist	Genetic History <i>Indicate the genetic history of the patient</i>	dropdown <table border="1"> <tr><td>1</td><td>Marfan</td></tr> <tr><td>2</td><td>Ehlers-Danlos</td></tr> <tr><td>3</td><td>Loeys-Dietz</td></tr> <tr><td>4</td><td>Non-Specific familial thoracic aortic syndrome</td></tr> <tr><td>5</td><td>Bicuspid AV</td></tr> <tr><td>6</td><td>Turner syndrome</td></tr> <tr><td>7</td><td>Other</td></tr> <tr><td>8</td><td>None</td></tr> <tr><td>9</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4505	1	Marfan	2	Ehlers-Danlos	3	Loeys-Dietz	4	Non-Specific familial thoracic aortic syndrome	5	Bicuspid AV	6	Turner syndrome	7	Other	8	None	9	Unknown
1	Marfan																				
2	Ehlers-Danlos																				
3	Loeys-Dietz																				
4	Non-Specific familial thoracic aortic syndrome																				
5	Bicuspid AV																				
6	Turner syndrome																				
7	Other																				
8	None																				
9	Unknown																				
1144	prioraorta	Prior Aortic Intervention <i>Indicate whether the patient had prior aortic intervention</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4510	1	Yes	2	No	3	Unknown												
1	Yes																				
2	No																				
3	Unknown																				
1145	priorreproot	Prior Aortic Intervention - Previous Repair - Root <i>Indicate whether the prior intervention involved the aortic root</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4520	1	Yes	2	No														
1	Yes																				
2	No																				
1146	priorreptyroot	Prior Aortic Intervention - Previous Repair Type - Root <i>Indicate the type of prior root repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table> Field Annotation: v2.9 SeqNo. 4521	1	Open	2	Endovascular	3	Hybrid												
1	Open																				
2	Endovascular																				
3	Hybrid																				
1147	priorfailroot	Prior Aortic Intervention - Repair Failure - Root <i>Indicate whether there is failure of the prior root repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4522	1	Yes	2	No														
1	Yes																				
2	No																				

1148	priorprogrroot	Prior Aortic Intervention - Disease Progression - Root <i>Indicate whether there is progression of disease following the prior root repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4523		
1	Yes									
2	No									
1149	priorrepasc	Prior Aortic Intervention - Previous Repair - Ascending <i>Indicate whether the prior intervention involved the ascending aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4525		
1	Yes									
2	No									
1150	priorreptyasc	Prior Aortic Intervention - Previous Repair Type - Ascending <i>Indicate the type of prior ascending aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table>	1	Open	2	Endovascular	3	Hybrid	Field Annotation: v2.9 SeqNo. 4526
1	Open									
2	Endovascular									
3	Hybrid									
1151	priorfailasc	Prior Aortic Intervention - Repair Failure - Ascending <i>Indicate whether there is failure of the prior ascending repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4527		
1	Yes									
2	No									
1152	priorprogasc	Prior Aortic Intervention - Disease Progression - Ascending <i>Indicate whether there is progression of disease following the prior ascending aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4528		
1	Yes									
2	No									
1153	priorreparch	Prior Aortic Intervention - Previous Repair - Arch <i>Indicate whether the prior intervention involved the aortic arch</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4530		
1	Yes									
2	No									
1154	priorreptyarch	Prior Aortic Intervention - Previous Repair Type - Arch <i>Indicate the type of prior arch repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table>	1	Open	2	Endovascular	3	Hybrid	Field Annotation: v2.9 SeqNo. 4531
1	Open									
2	Endovascular									
3	Hybrid									
1155	priorfailarch	Prior Aortic Intervention - Repair Failure - Arch <i>Indicate whether there is failure of the prior arch repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4532		
1	Yes									
2	No									
1156	priorprogarch	Prior Aortic Intervention - Disease Progression - Arch <i>Indicate whether there is progression of disease following the prior arch repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4533		
1	Yes									
2	No									
1157	priorrepdesc	Prior Aortic Intervention - Previous Repair - Descending <i>Indicate whether the prior intervention involved the descending aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No	Field Annotation: v2.9 SeqNo. 4535		
1	Yes									
2	No									

1158	priorreptydesc	Prior Aortic Intervention - Previous Repair Type - Descending <i>Indicate the type of prior descending aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table>	1	Open	2	Endovascular	3	Hybrid
1	Open								
2	Endovascular								
3	Hybrid								
			Field Annotation: v2.9 SeqNo. 4536						
1159	priorfaildesc	Prior Aortic Intervention - Repair Failure - Descending <i>Indicate whether there is failure of the prior descending repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4537						
1160	priorprogdesc	Prior Aortic Intervention - Disease Progression - Descending <i>Indicate whether there is progression of disease following the prior descending aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4538						
1161	priorrepsupraab	Prior Aortic Intervention - Previous Repair - Suprarenal Abdominal <i>Indicate whether the prior intervention involved the suprarenal abdominal aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4540						
1162	priorreptysupraab	Prior Aortic Intervention - Previous Repair Type - Suprarenal Abdominal <i>Indicate the type of prior suprarenal abdominal aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table>	1	Open	2	Endovascular	3	Hybrid
1	Open								
2	Endovascular								
3	Hybrid								
			Field Annotation: v2.9 SeqNo. 4541						
1163	priorfailsupraab	Prior Aortic Intervention - Repair Failure - Suprarenal Abdominal <i>Indicate whether there is failure of the prior suprarenal abdominal repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4542						
1164	priorprogsupraab	Prior Aortic Intervention - Disease Progression - Suprarenal Abdominal <i>Indicate whether there is progression of disease following the prior suprarenal abdominal aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4543						
1165	priorrepinfraab	Prior Aortic Intervention - Previous Repair - Infrarenal Abdominal <i>Indicate whether the prior intervention involved the infrarenal abdominal aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4545						
1166	priorreptyinfraab	Prior Aortic Intervention - Previous Repair Type - Infrarenal Abdominal <i>Indicate the type of prior infrarenal abdominal aorta repair</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> <tr><td>3</td><td>Hybrid</td></tr> </table>	1	Open	2	Endovascular	3	Hybrid
1	Open								
2	Endovascular								
3	Hybrid								
			Field Annotation: v2.9 SeqNo. 4546						
1167	priorfailinfraab	Prior Aortic Intervention - Repair Failure - Infrarenal Abdominal <i>Indicate whether there is failure of the prior infrarenal abdominal repair</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4547						

1168	priorproginfraab	Prior Aortic Intervention - Disease Progression - Infrarenal Abdominal <i>Indicate whether there is progression of disease following the prior infrarenal abdominal aorta repair</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4548
1169	endoleak	Section Header: <i>Endoleak</i> Endoleak <i>Indicate whether endoleak is present</i>	radio 1 Yes 2 No 3 Unknown Field Annotation: v2.9 SeqNo. 4620
1170	endoleakypei	Endoleak - Type I - Leak At Graft Attachment Site <i>Indicate whether endoleak is type I</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4625
1171	endoleaktyiloc	Endoleak - Type I - Location <i>Indicate the location of the type I endoleak</i>	radio 1 Ia-Proximal 2 Ib-Distal 3 Ic-Iliac occluder Field Annotation: v2.9 SeqNo. 4630
1172	endoleakypeii	Endoleak - Type II - Aneurysm Sac Filling Via Branch Vessel <i>Indicate whether endoleak is type II</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4635
1173	endoleakvessnum	Endoleak - Type II - Number Of Vessels <i>Indicate the number of vessels involved in the type II endoleak</i>	radio 1 IIa-Single vessel 2 IIb-Two vessels or more Field Annotation: v2.9 SeqNo. 4640
1174	endoleakypeiii	Endoleak - Type III - Leak Through Defect In Graft <i>Indicate whether endoleak is type III</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4645
1175	endoleaktype	Endoleak - Type III - Graft Defect Type <i>Indicate the graft defect type</i>	radio 1 IIIa-Junctional separation of modular components 2 IIIb-Endograft fractures or holes Field Annotation: v2.9 SeqNo. 4650
1176	endoleaktypeiv	Endoleak - Type IV - Leak Through Graft Fabric - Porosity <i>Indicate whether endoleak is type IV</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4655
1177	endoleaktypev	Endoleak - Type V - Endotension-Expansion Aneurysm Sac Without Leak <i>Indicate whether endoleak is type V</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 4660

1178	infection	Aorta Infection <i>Indicate whether infection is present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
			Field Annotation: v2.9 SeqNo. 4665										
1179	infectype	Aorta Infection Type <i>Indicate the type of aortic infection</i>	dropdown <table border="1"> <tr><td>1</td><td>Graft infection</td></tr> <tr><td>2</td><td>Valvular endocarditis</td></tr> <tr><td>3</td><td>Nonvalvular endocarditis</td></tr> <tr><td>4</td><td>Native aorta</td></tr> <tr><td>5</td><td>Multiple infection types</td></tr> </table>	1	Graft infection	2	Valvular endocarditis	3	Nonvalvular endocarditis	4	Native aorta	5	Multiple infection types
1	Graft infection												
2	Valvular endocarditis												
3	Nonvalvular endocarditis												
4	Native aorta												
5	Multiple infection types												
			Field Annotation: v2.9 SeqNo. 4670										
1180	trauma	Section Header: Trauma Aorta Trauma <i>Indicate whether there was aortic trauma</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown				
1	Yes												
2	No												
3	Unknown												
			Field Annotation: v2.9 SeqNo. 4675										
1181	traumacroo	Trauma Location - Root <i>Indicate whether the aortic trauma involved the root</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4680										
1182	traumaasc	Trauma Location - Ascending <i>Indicate whether the aortic trauma involved the ascending aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4685										
1183	traumaarch	Trauma Location - Arch <i>Indicate whether the aortic trauma involved the arch</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4690										
1184	traumadesc	Trauma Location - Descending <i>Indicate whether the aortic trauma involved the descending aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4695										
1185	traumathorac	Trauma Location - Thoracoabdominal <i>Indicate whether the aortic trauma involved the thoracoabdominal aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4700										
1186	traumaabdom	Trauma Location - Abdominal <i>Indicate whether the aortic trauma involved the abdominal aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No						
1	Yes												
2	No												
			Field Annotation: v2.9 SeqNo. 4705										

1187	presentation	Aorta Presentation <i>Indicate the clinical presentation</i>	dropdown <table border="1"> <tr><td>1</td><td>Pain</td></tr> <tr><td>2</td><td>CHF</td></tr> <tr><td>3</td><td>Cardiac Arrest</td></tr> <tr><td>4</td><td>Syncope</td></tr> <tr><td>5</td><td>Stroke</td></tr> <tr><td>6</td><td>Limb numbness</td></tr> <tr><td>7</td><td>Paralysis</td></tr> <tr><td>8</td><td>Fatigue</td></tr> <tr><td>9</td><td>Infection</td></tr> <tr><td>10</td><td>Weakness</td></tr> <tr><td>11</td><td>Hoarseness (vocal cord dysfunction)</td></tr> <tr><td>12</td><td>Asymptomatic</td></tr> </table> Field Annotation: v2.9 SeqNo. 4710	1	Pain	2	CHF	3	Cardiac Arrest	4	Syncope	5	Stroke	6	Limb numbness	7	Paralysis	8	Fatigue	9	Infection	10	Weakness	11	Hoarseness (vocal cord dysfunction)	12	Asymptomatic
1	Pain																										
2	CHF																										
3	Cardiac Arrest																										
4	Syncope																										
5	Stroke																										
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7	Paralysis																										
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9	Infection																										
10	Weakness																										
11	Hoarseness (vocal cord dysfunction)																										
12	Asymptomatic																										
1188	primindic	Aorta Primary indication <i>Indicate the primary indication for intervention</i>	dropdown <table border="1"> <tr><td>1</td><td>Aneurysm</td></tr> <tr><td>2</td><td>Dissection</td></tr> <tr><td>3</td><td>Valvular Dysfunction</td></tr> <tr><td>4</td><td>Obstruction</td></tr> <tr><td>5</td><td>Intramural Hematoma</td></tr> <tr><td>6</td><td>Infection</td></tr> <tr><td>7</td><td>Stenosis</td></tr> <tr><td>8</td><td>Coarctation</td></tr> </table> Field Annotation: v2.9 SeqNo. 4715	1	Aneurysm	2	Dissection	3	Valvular Dysfunction	4	Obstruction	5	Intramural Hematoma	6	Infection	7	Stenosis	8	Coarctation								
1	Aneurysm																										
2	Dissection																										
3	Valvular Dysfunction																										
4	Obstruction																										
5	Intramural Hematoma																										
6	Infection																										
7	Stenosis																										
8	Coarctation																										
1189	anetilogy	Section Header: <i>Aneurysm</i> Aneurysm - Etiology <i>Indicate the aneurysm etiology</i>	dropdown <table border="1"> <tr><td>1</td><td>Atherosclerosis</td></tr> <tr><td>2</td><td>Infection 3 Inflammatory</td></tr> <tr><td>4</td><td>Connective Tissue Disorder</td></tr> <tr><td>5</td><td>Penetrating Ulcer</td></tr> <tr><td>6</td><td>Pseudoaneurysm</td></tr> <tr><td>7</td><td>Mycotic</td></tr> <tr><td>8</td><td>Traumatic transection 9 Intercostal visceral patch</td></tr> <tr><td>10</td><td>Anastomotic site</td></tr> <tr><td>11</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4720	1	Atherosclerosis	2	Infection 3 Inflammatory	4	Connective Tissue Disorder	5	Penetrating Ulcer	6	Pseudoaneurysm	7	Mycotic	8	Traumatic transection 9 Intercostal visceral patch	10	Anastomotic site	11	Unknown						
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4	Connective Tissue Disorder																										
5	Penetrating Ulcer																										
6	Pseudoaneurysm																										
7	Mycotic																										
8	Traumatic transection 9 Intercostal visceral patch																										
10	Anastomotic site																										
11	Unknown																										
1190	antype	Aneurysm - Type <i>Indicate the aneurysm type</i>	radio <table border="1"> <tr><td>1</td><td>Fusiform</td></tr> <tr><td>2</td><td>Saccular</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4725	1	Fusiform	2	Saccular	3	Unknown																		
1	Fusiform																										
2	Saccular																										
3	Unknown																										
1191	anrupt	Aneurysm - Rupture <i>Indicate whether the aneurysm ruptured</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4730	1	Yes	2	No																				
1	Yes																										
2	No																										

1192	anruptcon	Aneurysm - Rupture - Contained <i>Indicate whether the rupture was contained</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4735</p>	1	Yes	2	No																								
1	Yes																														
2	No																														
1193	anloc	Aneurysm - Location <i>Indicate the location of the aneurysm</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Below STJ</td> </tr> <tr> <td>2</td> <td>STJ-midascending</td> </tr> <tr> <td>3</td> <td>Midascending to distal ascending</td> </tr> <tr> <td>4</td> <td>Zone 1</td> </tr> <tr> <td>5</td> <td>Zone 2</td> </tr> <tr> <td>6</td> <td>Zone 3</td> </tr> <tr> <td>7</td> <td>Zone 4</td> </tr> <tr> <td>8</td> <td>Zone 5</td> </tr> <tr> <td>9</td> <td>Zone 6</td> </tr> <tr> <td>10</td> <td>Zone 7</td> </tr> <tr> <td>11</td> <td>Zone 8</td> </tr> <tr> <td>12</td> <td>Zone 9</td> </tr> <tr> <td>13</td> <td>Zone 10</td> </tr> <tr> <td>14</td> <td>Zone 11</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4740</p>	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
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10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1194	distiming	Section Header: <i>Dissection</i> Dissection - Timing <i>Indicate the timing of the aortic dissection</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Hyperacute (< 48 hours)</td> </tr> <tr> <td>2</td> <td>Acute (>=48 hours, < 2 weeks)</td> </tr> <tr> <td>3</td> <td>Subacute (>= 2 weeks, < 90 days)</td> </tr> <tr> <td>4</td> <td>Chronic (>90 days)</td> </tr> <tr> <td>5</td> <td>Acute on chronic</td> </tr> <tr> <td>6</td> <td>Unknown</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4745</p>	1	Hyperacute (< 48 hours)	2	Acute (>=48 hours, < 2 weeks)	3	Subacute (>= 2 weeks, < 90 days)	4	Chronic (>90 days)	5	Acute on chronic	6	Unknown																
1	Hyperacute (< 48 hours)																														
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4	Chronic (>90 days)																														
5	Acute on chronic																														
6	Unknown																														
1195	disonsetdtknown	Dissection Onset Date Known <i>Indicate whether the date of dissection onset is known</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4746</p>	1	Yes	2	No																								
1	Yes																														
2	No																														
1196	disonsetdt_deid	Dissection Onset Date (Deid) <i>Indicate dissection onset date</i>	text (date_mdy) Field Annotation: v2.9 SeqNo. 4747																												

1197	distearloc	Dissection - Primry Tear Location <i>Indicate location of the primary tear</i>	dropdown <table border="1" data-bbox="1042 109 1398 674"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> <tr><td>8</td><td>Zone 5</td></tr> <tr><td>9</td><td>Zone 6</td></tr> <tr><td>10</td><td>Zone 7</td></tr> <tr><td>11</td><td>Zone 8</td></tr> <tr><td>12</td><td>Zone 9</td></tr> <tr><td>13</td><td>Zone 10</td></tr> <tr><td>14</td><td>Zone 11</td></tr> </table> Field Annotation: v2.9 SeqNo. 4750	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
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9	Zone 6																														
10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1198	dissecloc	Dissection - Secondary Tear Location <i>Indicate location of secondary tear</i>	dropdown <table border="1" data-bbox="1042 764 1398 1329"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> <tr><td>8</td><td>Zone 5</td></tr> <tr><td>9</td><td>Zone 6</td></tr> <tr><td>10</td><td>Zone 7</td></tr> <tr><td>11</td><td>Zone 8</td></tr> <tr><td>12</td><td>Zone 9</td></tr> <tr><td>13</td><td>Zone 10</td></tr> <tr><td>14</td><td>Zone 11</td></tr> </table> Field Annotation: v2.9 SeqNo. 4755	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
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10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1199	disretext	Dissection - Retrograde Extension <i>Indicate whether there was retrograde extension</i>	dropdown <table border="1" data-bbox="1042 1421 1174 1545"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4760	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1200	disretloc	Dissection - Retrograde Location <i>Indicate location of retrograde extension</i>	dropdown <table border="1" data-bbox="1042 1638 1386 1921"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> </table> Field Annotation: v2.9 SeqNo. 4765	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4														
1	Below STJ																														
2	STJ-midascending																														
3	Midascending to distal ascending																														
4	Zone 1																														
5	Zone 2																														
6	Zone 3																														
7	Zone 4																														

1201	dispostevr	Dissection - Post TEVAR <i>Indicate whether dissection occurred following TEVAR</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4770</p>	1	Yes	2	No																								
1	Yes																														
2	No																														
1202	distalext	Dissection - Distal Extension <i>Indicate whether there is distal extension</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4775</p>	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1203	distalextloc	Dissection - Distal Extension Location <i>Indicate location of distal extension</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Below STJ</td> </tr> <tr> <td>2</td> <td>STJ-midascending</td> </tr> <tr> <td>3</td> <td>Midascending to distal ascending</td> </tr> <tr> <td>4</td> <td>Zone 1</td> </tr> <tr> <td>5</td> <td>Zone 2</td> </tr> <tr> <td>6</td> <td>Zone 3</td> </tr> <tr> <td>7</td> <td>Zone 4</td> </tr> <tr> <td>8</td> <td>Zone 5</td> </tr> <tr> <td>9</td> <td>Zone 6</td> </tr> <tr> <td>10</td> <td>Zone 7</td> </tr> <tr> <td>11</td> <td>Zone 8</td> </tr> <tr> <td>12</td> <td>Zone 9</td> </tr> <tr> <td>13</td> <td>Zone 10</td> </tr> <tr> <td>14</td> <td>Zone 11</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4780</p>	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
1	Below STJ																														
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10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1204	dismal	Dissection - Malperfusion <i>Indicate whether malperfusion was present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4785</p>	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1205	dismalcor	Dissection - Malperfusion - Coronary <i>Indicate whether coronary malperfusion was present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4790</p>	1	Yes	2	No																								
1	Yes																														
2	No																														
1206	dismalrtsublav	Dissection - Malperfusion - Right Subclavian <i>Indicate whether right subclavian malperfusion was present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4791</p>	1	Yes	2	No																								
1	Yes																														
2	No																														
1207	dismalrtcomcar	Dissection - Malperfusion - Right Common Carotid <i>Indicate whether right common carotid malperfusion was present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 4792</p>	1	Yes	2	No																								
1	Yes																														
2	No																														

1208	dismalcoml	Dissection - Malperfusion - Left Common Carotid <i>Indicate whether left common carotid malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4800	1	Yes	2	No				
1	Yes										
2	No										
1209	dismalsubl	Dissection - Malperfusion - Left Subclavian <i>Indicate whether left subclavian malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4805	1	Yes	2	No				
1	Yes										
2	No										
1210	dismalcel	Dissection - Malperfusion - Celiac <i>Indicate whether celiac malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4810	1	Yes	2	No				
1	Yes										
2	No										
1211	dismalsup	Dissection - Malperfusion - Superior Mesenteric <i>Indicate whether superior mesenteric malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4815	1	Yes	2	No				
1	Yes										
2	No										
1212	dismalrenl	Dissection - Malperfusion - Renal, Left <i>Indicate whether left renal malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo.	1	Yes	2	No				
1	Yes										
2	No										
1213	dismalrenr	Dissection - Malperfusion - Renal, Right <i>Indicate whether right renal malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo.	1	Yes	2	No				
1	Yes										
2	No										
1214	dismalilio	Dissection - Malperfusion - Iliofemoral <i>Indicate whether iliofemoral malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4830	1	Yes	2	No				
1	Yes										
2	No										
1215	dismalspin	Dissection - Malperfusion - Spinal <i>Indicate whether spinal malperfusion was present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4835	1	Yes	2	No				
1	Yes										
2	No										
1216	dislowmotfun	Dissection - lower Extremity Motor Function <i>Indicate status of lower extremity motor function</i>	radio <table border="1"> <tr><td>1</td><td>No deficit</td></tr> <tr><td>2</td><td>Weakness</td></tr> <tr><td>3</td><td>Paralysis</td></tr> <tr><td>4</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4836	1	No deficit	2	Weakness	3	Paralysis	4	Unknown
1	No deficit										
2	Weakness										
3	Paralysis										
4	Unknown										
1217	dislowsendef	Dissection - Lower Extremity Sensory Deficit <i>Indicate whether lower extremity sensory deficit is present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 4837	1	Yes	2	No	3	Unknown		
1	Yes										
2	No										
3	Unknown										

1218	disrupt	Dissection - Rupture <i>Indicate whether dissection ruptured</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4840	1	Yes	2	No																								
1	Yes																														
2	No																														
1219	disruptcon	Dissection - Rupture - Contained <i>Indicate whether the rupture was contained</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4845	1	Yes	2	No																								
1	Yes																														
2	No																														
1220	disruptloc	Dissection - Rupture Location <i>Indicate the rupture location</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Below STJ</td> </tr> <tr> <td>2</td> <td>STJ-midascending</td> </tr> <tr> <td>3</td> <td>Midascending to distal ascending</td> </tr> <tr> <td>4</td> <td>Zone 1</td> </tr> <tr> <td>5</td> <td>Zone 2</td> </tr> <tr> <td>6</td> <td>Zone 3</td> </tr> <tr> <td>7</td> <td>Zone 4</td> </tr> <tr> <td>8</td> <td>Zone 5</td> </tr> <tr> <td>9</td> <td>Zone 6</td> </tr> <tr> <td>10</td> <td>Zone 7</td> </tr> <tr> <td>11</td> <td>Zone 8</td> </tr> <tr> <td>12</td> <td>Zone 9</td> </tr> <tr> <td>13</td> <td>Zone 10</td> </tr> <tr> <td>14</td> <td>Zone 11</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4850	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
1	Below STJ																														
2	STJ-midascending																														
3	Midascending to distal ascending																														
4	Zone 1																														
5	Zone 2																														
6	Zone 3																														
7	Zone 4																														
8	Zone 5																														
9	Zone 6																														
10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1221	rootaannectasia	Section Header: <i>Root</i> Root - Aorto-Annular Ectasia <i>Indicate whether aorto-annular ectasia is present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4855	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1222	rootdilaasym	Root - Asymmetric Root Dilatation <i>Indicate whether asymmetric root dilatation is present</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4870	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1223	roottdilaasym	Root - Asymmetric Root Dilatation - Location <i>Indicate location of asymmetric root dilatation</i>	radio <table border="1"> <tr> <td>1</td> <td>Right</td> </tr> <tr> <td>2</td> <td>Left</td> </tr> <tr> <td>3</td> <td>Non-coronary</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4875	1	Right	2	Left	3	Non-coronary																						
1	Right																														
2	Left																														
3	Non-coronary																														
1224	rootsinus	Root - Sinus Of Valsalva Aneurysm <i>Indicate whether there is a sinus of valsalva aneurysm</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Unknown</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4880	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														

1225	rootsinusloc	Root - Sinus Of Valsalva Aneurysm - Location <i>Indicate location of sinus of valsalva aneurysm</i>	radio <table border="1"> <tr><td>1</td><td>Right</td></tr> <tr><td>2</td><td>Left</td></tr> <tr><td>3</td><td>Non-coronary</td></tr> </table>	1	Right	2	Left	3	Non-coronary
1	Right								
2	Left								
3	Non-coronary								
			Field Annotation: v2.9 SeqNo. 4881						
1226	archtype	Section Header: Arch Arch Type <i>Indicate arch type</i>	radio <table border="1"> <tr><td>1</td><td>Left</td></tr> <tr><td>2</td><td>Right</td></tr> </table>	1	Left	2	Right		
1	Left								
2	Right								
			Field Annotation: v2.9 SeqNo. 4882						
1227	archabrtsub	Arch - Aberrant Right Subclavian <i>Indicate whether the right subclavian is aberrant</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4884						
1228	archabltsub	Arch - Aberrant Left Subclavian <i>Indicate whether the left subclavian is aberrant</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4885						
1229	archkom	Arch - Kommerell <i>Indicate whether Kommerell arch type is present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4886						
1230	archbovine	Arch - Bovine <i>Indicate whether bovine arch type is present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4887						
1231	archvarvertor	Arch - Variant Vertebral Origin <i>Indicate whether there is variant origin of the vertebral</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4888						
1232	archpatima	Arch - Patent Internal Mammary Artery Bypass Graft <i>Indicate whether there is a patent internal mammary bypass graft present</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No		
1	Yes								
2	No								
			Field Annotation: v2.9 SeqNo. 4889						
1233	ascasyndil	Ascending Asymmetric Dilatation <i>Indicate whether there is asymmetric dilatation of the ascending aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown
1	Yes								
2	No								
3	Unknown								
			Field Annotation: v2.9 SeqNo. 4891						
1234	ascproxgr	Ascending Proximal Coronary Bypass Grafts <i>Indicate whether proximal bypass grafts are present on the aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown
1	Yes								
2	No								
3	Unknown								
			Field Annotation: v2.9 SeqNo. 4892						

1235	diameter3dmeas	3-D Reconstruction Aortic Diameter Measurements Available <i>Indicate whether 3-D reconstruction aortic diameter measurements are available</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 4895	1	Yes	2	No
1	Yes						
2	No						
1236	diam3dannulus	Diameter Measurements 3D - Annulus <i>Indicate diameter of the annulus</i>	text Field Annotation: v2.9 SeqNo. 4900				
1237	diam3dsinus	Diameter Measurements 3D - Sinus Segment <i>Indicate diameter of the sinus segment</i>	text Field Annotation: v2.9 SeqNo. 4905				
1238	diam3dsinotubular	Diameter Measurements 3D - Sinotubular Junction <i>Indicate the diameter of the sinotubular junction</i>	text Field Annotation: v2.9 SeqNo. 4910				
1239	diam3dmidasc	Diameter Measurements 3D - Mid-ascending <i>Indicate the diameter of the mid-ascending aorta</i>	text Field Annotation: v2.9 SeqNo. 4915				
1240	diam3ddistalasc	Diameter Measurements 3D - Distal Ascending <i>Indicate the diameter of the distal ascending aorta</i>	text Field Annotation: v2.9 SeqNo. 4920				
1241	diam3dzone1	Diameter Measurements 3D - Zone 1 <i>Indicate the diameter of zone 1</i>	text Field Annotation: v2.9 SeqNo. 4925				
1242	diam3dzone2	Diameter Measurements 3D - Zone 2 <i>Indicate the diameter of zone 2</i>	text Field Annotation: v2.9 SeqNo. 4930				
1243	diam3dzone3	Diameter Measurements 3D - Zone 3 <i>Indicate the diameter of zone 3</i>	text Field Annotation: v2.9 SeqNo. 4935				
1244	diam3dzone4	Diameter Measurements 3D - Zone 4 <i>Indicate the diameter of zone 4</i>	text Field Annotation: v2.9 SeqNo. 4940				
1245	diam3dzone5	Diameter Measurements 3D - Zone 5 <i>Indicate the diameter of zone 5</i>	text Field Annotation: v2.9 SeqNo. 4941				
1246	diam3dzone6	Diameter Measurements 3D - Zone 6 <i>Indicate the diameter of zone 6</i>	text Field Annotation: v2.9 SeqNo. 4942				
1247	diam3dzone7	Diameter Measurements 3D - Zone 7 <i>Indicate the diameter of zone 7</i>	text Field Annotation: v2.9 SeqNo. 4943				
1248	diam3dzone8	Diameter Measurements 3D - Zone 8 <i>Indicate the diameter of zone 8</i>	text Field Annotation: v2.9 SeqNo. 4944				
1249	diam3dzone9	Diameter Measurements 3D - Zone 9 <i>Indicate the diameter of zone 9</i>	text Field Annotation: v2.9 SeqNo. 4945				
1250	diam3dzone10	Diameter Measurements 3D - Zone 10 <i>Indicate the diameter of zone 10</i>	text Field Annotation: v2.9 SeqNo. 4946				
1251	diam3dzone11	Diameter Measurements 3D - Zone 11 <i>Indicate the diameter of zone 11</i>	text Field Annotation: v2.9 SeqNo. 4947				
1252	diamlgstannulus	Diameter Measurements Largest - Annulus <i>Indicate diameter of the annulus</i>	text Field Annotation: v2.9 SeqNo. 4948				
1253	diamlgstsinus	Diameter Measurements Largest - Sinus Segment <i>Indicate diameter of the sinus segment</i>	text Field Annotation: v2.9 SeqNo. 4949				
1254	diamlgstsinotubular	Diameter Measurements Largest - Sinotubular Junction <i>Indicate the diameter of the sinotubular junction</i>	text Field Annotation: v2.9 SeqNo. 4950				
1255	diamlgstmidasc	Diameter Measurements Largest - Mid-ascending <i>Indicate the diameter of the mid-ascending aorta</i>	text Field Annotation: v2.9 SeqNo. 4951				
1256	diamlgstdistalasc	Diameter Measurements Largest - Distal Ascending <i>Indicate the diameter of the distal ascending aorta</i>	text Field Annotation: v2.9 SeqNo. 4952				
1257	diamlgstzone1	Diameter Measurements Largest - Zone 1 <i>Indicate the diameter of zone 1</i>	text Field Annotation: v2.9 SeqNo. 4953				
1258	diamlgstzone2	Diameter Measurements Largest - Zone 2 <i>Indicate the diameter of zone 2</i>	text Field Annotation: v2.9 SeqNo. 4954				
1259	diamlgstzone3	Diameter Measurements Largest - Zone 3 <i>Indicate the diameter of zone 3</i>	text Field Annotation: v2.9 SeqNo. 4955				
1260	diamlgstzone4	Diameter Measurements Largest - Zone 4 <i>Indicate the diameter of zone 4</i>	text Field Annotation: v2.9 SeqNo. 4956				
1261	diamlgstzone5	Diameter Measurements Largest - Zone 5 <i>Indicate the diameter of zone 5</i>	text Field Annotation: v2.9 SeqNo. 4957				

1262	diamlgstzone6	Diameter Measurements Largest - Zone 6 <i>Indicate the diameter of zone 6</i>	text Field Annotation: v2.9 SeqNo. 4958												
1263	diamlgstzone7	Diameter Measurements Largest - Zone 7 <i>Indicate the diameter of zone 7</i>	text Field Annotation: v2.9 SeqNo. 4959												
1264	diamlgstzone8	Diameter Measurements Largest - Zone 8 <i>Indicate the diameter of zone 8</i>	text Field Annotation: v2.9 SeqNo. 4960												
1265	diamlgstzone9	Diameter Measurements Largest - Zone 9 <i>Indicate the diameter of zone 9</i>	text Field Annotation: v2.9 SeqNo. 4961												
1266	diamlgstzone10	Diameter Measurements Largest - Zone 10 <i>Indicate the diameter of zone 10</i>	text Field Annotation: v2.9 SeqNo. 4962												
1267	diamlgstzone11	Diameter Measurements Largest - Zone 11 <i>Indicate the diameter of zone 11</i>	text Field Annotation: v2.9 SeqNo. 4963												
1268	planstaghybrid	Planned Staged Hybrid <i>Indicate whether the procedure was a planned staged hybrid</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4970	1	Yes	2	No								
1	Yes														
2	No														
1269	archproc	Section Header: <i>Open Arch</i> Open Arch Procedure <i>Indicate whether there was an open arch procedure</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4975	1	Yes	2	No								
1	Yes														
2	No														
1270	archdistech	Open Arch Procedure - Distal Technique <i>Indicate the distal technique for the arch procedure</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Clamped</td></tr> </table> Field Annotation: v2.9 SeqNo. 4980	1	Open	2	Clamped								
1	Open														
2	Clamped														
1271	archdiscsite	Open Arch Procedure - Distal Site <i>Indicate the distal site</i>	dropdown <table border="1"> <tr><td>1</td><td>Ascending Aorta</td></tr> <tr><td>2</td><td>Hemiarch</td></tr> <tr><td>3</td><td>Zone 1</td></tr> <tr><td>4</td><td>Zone 2</td></tr> <tr><td>5</td><td>Zone 3</td></tr> <tr><td>6</td><td>Zone 4</td></tr> </table> Field Annotation: v2.9 SeqNo. 4985	1	Ascending Aorta	2	Hemiarch	3	Zone 1	4	Zone 2	5	Zone 3	6	Zone 4
1	Ascending Aorta														
2	Hemiarch														
3	Zone 1														
4	Zone 2														
5	Zone 3														
6	Zone 4														
1272	archdisext	Open Arch Procedure - Distal Extension <i>Indicate distal extension type</i>	radio <table border="1"> <tr><td>1</td><td>Elephant trunk</td></tr> <tr><td>2</td><td>Frozen Elephant trunk</td></tr> <tr><td>3</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4990	1	Elephant trunk	2	Frozen Elephant trunk	3	No						
1	Elephant trunk														
2	Frozen Elephant trunk														
3	No														
1273	archbranreimp	Open Arch Procedure - Arch Branch Reimplantation <i>Indicate whether arch branch reimplantation was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 4995	1	Yes	2	No								
1	Yes														
2	No														
1274	archbraninnom	Open Arch Procedure - Arch Branch Reimplantation - Innominate <i>Indicate whether arch branch reimplantation included the innominate artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5000	1	Yes	2	No								
1	Yes														
2	No														

1275	archbranrsub	Open Arch Procedure - Arch Branch Reimplantation - Right Subclavian <i>Indicate whether arch branch reimplantation included the right subclavian artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5001	1	Yes	2	No																		
1	Yes																								
2	No																								
1276	archbranrcomm	Open Arch Procedure - Arch Branch Reimplantation - Right Common Carotid <i>Indicate whether arch branch reimplantation included the right common carotid artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5002	1	Yes	2	No																		
1	Yes																								
2	No																								
1277	archbranlcomm	Open Arch Procedure - Arch Branch Reimplantation - Left Common Carotid <i>Indicate whether arch branch reimplantation included the left common carotid artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5005	1	Yes	2	No																		
1	Yes																								
2	No																								
1278	archbranlsub	Open Arch Procedure - Arch Branch Reimplantation - Left Subclavian <i>Indicate whether arch branch reimplantation included the left subclavian artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5010	1	Yes	2	No																		
1	Yes																								
2	No																								
1279	archbranlvert	Open Arch Procedure - Arch Branch Reimplantation - Left Vertebral <i>Indicate whether arch branch reimplantation included the left vertebral artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5011	1	Yes	2	No																		
1	Yes																								
2	No																								
1280	archbranoth	Open Arch Procedure - Arch Branch Reimplantation - Other <i>Indicate whether arch branch reimplantation included any other artery</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5012	1	Yes	2	No																		
1	Yes																								
2	No																								
1281	descaortaproc	Open Descending Thoracic Aorta or Thoracoabdominal Procedure <i>Indicate whether there was an open procedure of the descending thoracic or thoracoabdominal aorta</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5015	1	Yes	2	No																		
1	Yes																								
2	No																								
1282	descaortaloc	Proximal Location <i>Indicate the proximal location of the descending aorta procedure</i>	dropdown <table border="1"> <tr><td>1</td><td>Reverse Hemiarch</td></tr> <tr><td>2</td><td>Zone 0</td></tr> <tr><td>3</td><td>Zone 1</td></tr> <tr><td>4</td><td>Zone 2</td></tr> <tr><td>5</td><td>Zone 3</td></tr> <tr><td>6</td><td>Zone 4</td></tr> <tr><td>7</td><td>Zone 5</td></tr> <tr><td>8</td><td>Zone 6</td></tr> <tr><td>9</td><td>Zone 7</td></tr> <tr><td>10</td><td>Zone 8</td></tr> <tr><td>11</td><td>Zone 9</td></tr> </table> Field Annotation: v2.9 SeqNo. 5020	1	Reverse Hemiarch	2	Zone 0	3	Zone 1	4	Zone 2	5	Zone 3	6	Zone 4	7	Zone 5	8	Zone 6	9	Zone 7	10	Zone 8	11	Zone 9
1	Reverse Hemiarch																								
2	Zone 0																								
3	Zone 1																								
4	Zone 2																								
5	Zone 3																								
6	Zone 4																								
7	Zone 5																								
8	Zone 6																								
9	Zone 7																								
10	Zone 8																								
11	Zone 9																								
1283	aortainterreimp	Intercostal Reimplantation <i>Indicate whether intercostal vessels were reimplanted</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5030	1	Yes	2	No																		
1	Yes																								
2	No																								

1284	aortadiszone	Distal Location <i>Indicate the distal location of the descending/thoracoabdominal procedure</i>	dropdown <table border="1"> <tr><td>1</td><td>Zone 3</td></tr> <tr><td>2</td><td>Zone 4</td></tr> <tr><td>3</td><td>Zone 5</td></tr> <tr><td>4</td><td>Zone 6</td></tr> <tr><td>5</td><td>Zone 7</td></tr> <tr><td>6</td><td>Zone 8</td></tr> <tr><td>7</td><td>Zone 9</td></tr> <tr><td>8</td><td>Zone 10</td></tr> <tr><td>9</td><td>Zone 11</td></tr> </table> Field Annotation: v2.9 SeqNo. 5035	1	Zone 3	2	Zone 4	3	Zone 5	4	Zone 6	5	Zone 7	6	Zone 8	7	Zone 9	8	Zone 10	9	Zone 11
1	Zone 3																				
2	Zone 4																				
3	Zone 5																				
4	Zone 6																				
5	Zone 7																				
6	Zone 8																				
7	Zone 9																				
8	Zone 10																				
9	Zone 11																				
1285	aortavisceal	Section Header: Visceral Vessel Intervention Visceral Vessel Intervention <i>Indicate whether there was visceral vessel intervention</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5045	1	Yes	2	No														
1	Yes																				
2	No																				
1286	aortavisccel	Visceral Vessel Intervention - Celiac <i>Indicate whether the visceral vessel intervention involved the celiac artery</i>	radio <table border="1"> <tr><td>1</td><td>Reimplantation</td></tr> <tr><td>2</td><td>Branch Graft</td></tr> <tr><td>3</td><td>None</td></tr> </table> Field Annotation: v2.9 SeqNo. 5050	1	Reimplantation	2	Branch Graft	3	None												
1	Reimplantation																				
2	Branch Graft																				
3	None																				
1287	aortaviscsup	Visceral Vessel Intervention - Superior Mesenteric <i>Indicate whether the visceral vessel intervention involved the superior mesenteric artery</i>	radio <table border="1"> <tr><td>1</td><td>Reimplantation</td></tr> <tr><td>2</td><td>Branch Graft</td></tr> <tr><td>3</td><td>None</td></tr> </table> Field Annotation: v2.9 SeqNo. 5055	1	Reimplantation	2	Branch Graft	3	None												
1	Reimplantation																				
2	Branch Graft																				
3	None																				
1288	aortaviscrnr	Visceral Vessel Intervention - Right Renal <i>Indicate whether the visceral vessel intervention involved the right renal artery</i>	radio <table border="1"> <tr><td>1</td><td>Reimplantation</td></tr> <tr><td>2</td><td>Branch Graft</td></tr> <tr><td>3</td><td>None</td></tr> </table> Field Annotation: v2.9 SeqNo. 5060	1	Reimplantation	2	Branch Graft	3	None												
1	Reimplantation																				
2	Branch Graft																				
3	None																				
1289	aortaviscrnl	Visceral Vessel Intervention - Left Renal <i>Indicate whether the visceral vessel intervention involved the left renal artery</i>	radio <table border="1"> <tr><td>1</td><td>Reimplantation</td></tr> <tr><td>2</td><td>Branch Graft</td></tr> <tr><td>3</td><td>None</td></tr> </table> Field Annotation: v2.9 SeqNo. 5065	1	Reimplantation	2	Branch Graft	3	None												
1	Reimplantation																				
2	Branch Graft																				
3	None																				
1290	endovasproc	Section Header: Endovascular Procedures Endovascular Procedures <i>Indicate whether there was an endovascular procedure</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5066	1	Yes	2	No														
1	Yes																				
2	No																				

1291	endovasaccess	Endovascular Procedures - Access <i>Indicate the access used for the endovascular procedure</i>	dropdown <table border="1" data-bbox="1044 111 1242 352"> <tr><td>1</td><td>Femoral 2 Iliac</td></tr> <tr><td>3</td><td>Abdominal Aorta</td></tr> <tr><td>4</td><td>Left Subclavian</td></tr> <tr><td>5</td><td>Right Subclavian</td></tr> <tr><td>6</td><td>Ascending Aorta</td></tr> <tr><td>7</td><td>LV Apex</td></tr> </table> Field Annotation: v2.9 SeqNo. 5067	1	Femoral 2 Iliac	3	Abdominal Aorta	4	Left Subclavian	5	Right Subclavian	6	Ascending Aorta	7	LV Apex																
1	Femoral 2 Iliac																														
3	Abdominal Aorta																														
4	Left Subclavian																														
5	Right Subclavian																														
6	Ascending Aorta																														
7	LV Apex																														
1292	endovaspercacc	Endovascular Procedures - Percutaneous Access <i>Indicate whether access was percutaneous</i>	radio <table border="1" data-bbox="1044 447 1122 527"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5068	1	Yes	2	No																								
1	Yes																														
2	No																														
1293	endoproxzone	Endovascular Procedures - Proximal Landing Zone <i>Indicate the proximal landing zone</i>	dropdown <table border="1" data-bbox="1044 621 1398 1184"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> <tr><td>8</td><td>Zone 5</td></tr> <tr><td>9</td><td>Zone 6</td></tr> <tr><td>10</td><td>Zone 7</td></tr> <tr><td>11</td><td>Zone 8</td></tr> <tr><td>12</td><td>Zone 9</td></tr> <tr><td>13</td><td>Zone 10</td></tr> <tr><td>14</td><td>Zone 11</td></tr> </table> Field Annotation: v2.9 SeqNo. 5070	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
1	Below STJ																														
2	STJ-midascending																														
3	Midascending to distal ascending																														
4	Zone 1																														
5	Zone 2																														
6	Zone 3																														
7	Zone 4																														
8	Zone 5																														
9	Zone 6																														
10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
1294	endodistalzone	Endovascular Procedures - Distal Landing Zone <i>Indicate the distal landing zone</i>	dropdown <table border="1" data-bbox="1044 1281 1398 1843"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> <tr><td>8</td><td>Zone 5</td></tr> <tr><td>9</td><td>Zone 6</td></tr> <tr><td>10</td><td>Zone 7</td></tr> <tr><td>11</td><td>Zone 8</td></tr> <tr><td>12</td><td>Zone 9</td></tr> <tr><td>13</td><td>Zone 10</td></tr> <tr><td>14</td><td>Zone 11</td></tr> </table> Field Annotation: v2.9 SeqNo. 5080	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
1	Below STJ																														
2	STJ-midascending																														
3	Midascending to distal ascending																														
4	Zone 1																														
5	Zone 2																														
6	Zone 3																														
7	Zone 4																														
8	Zone 5																														
9	Zone 6																														
10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														

1295	endovastavr	Endovascular Procedures - TAVR <i>Indicate whether there was a transcatheter aortic valve procedure component</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5090</p>	1	Yes	2	No						
1	Yes												
2	No												
1296	endovastevar	Endovascular Procedures - Ascending TEVAR <i>Indicate whether an ascending TEVAR was performed</i>	radio <table border="1"> <tr><td>1</td><td>Dedicated IDE</td></tr> <tr><td>2</td><td>Off Label Stent</td></tr> <tr><td>3</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5095</p>	1	Dedicated IDE	2	Off Label Stent	3	No				
1	Dedicated IDE												
2	Off Label Stent												
3	No												
1297	innominate	Section Header: Arch Vessel Management Arch Vessel Management - Innominate <i>Indicate the management of the innominate artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5100</p>	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1298	inaortainnom	Innominate - Extra-Anatomic Bypass - Aorta-Innominate <i>Indicate whether the extra-anatomic bypass was an aorta to innominate bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5105</p>	1	Yes	2	No						
1	Yes												
2	No												
1299	inaortacarotid	Innominate - Extra-Anatomic Bypass - Aorta-Right Carotid <i>Indicate whether the extra-anatomic bypass was an aorta to right carotid bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5110</p>	1	Yes	2	No						
1	Yes												
2	No												
1300	inaortasubclav	Innominate - Extra-Anatomic Bypass - Aorta-Right Subclavian <i>Indicate whether the extra-anatomic bypass was an aorta to right subclavian bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5115</p>	1	Yes	2	No						
1	Yes												
2	No												
1301	incarosubclav	Innominate - Extra-Anatomic Bypass - Right Carotid - Right Subclavian <i>Indicate whether the extra-anatomic bypass was a right carotid to right subclavian bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5125</p>	1	Yes	2	No						
1	Yes												
2	No												
1302	inotherv	Innominate - Extra-Anatomic Bypass - Other <i>Indicate whether any other extra-anatomic innominate bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5135</p>	1	Yes	2	No						
1	Yes												
2	No												
1303	leftcarotid	Arch Vessel Management - Left Carotid <i>Indicate the management of the left carotid artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5140</p>	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												

1304	lcaroaortacaro	Left Carotid - Extra-Anatomic Bypass - Aorta-Left Carotid <i>Indicate whether the extra-anatomic bypass was an aorta to left carotid bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5150	1	Yes	2	No						
1	Yes												
2	No												
1305	lcaroinnomcaro	Left Carotid - Extra-Anatomic Bypass - Innominate-Left Carotid <i>Indicate whether the extra-anatomic bypass was an innominate to left carotid bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5160	1	Yes	2	No						
1	Yes												
2	No												
1306	lcarocarotid	Left Carotid - Extra-Anatomic Bypass - Right Carotid - Left Carotid <i>Indicate whether the extra-anatomic bypass was a right carotid to left carotid bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5170	1	Yes	2	No						
1	Yes												
2	No												
1307	lcaroother	Left Carotid - Extra-Anatomic Bypass - Other <i>Indicate whether any other extra-anatomic left carotid bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5175	1	Yes	2	No						
1	Yes												
2	No												
1308	leftsubclavian	Arch Vessel Management - Left Subclavian <i>Indicate the management of the left subclavian artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> Field Annotation: v2.9 SeqNo. 5180	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1309	lsubaortasub	Left Subclavian - Extra-Anatomic Bypass - Aorta-Left Subclavian <i>Indicate whether the extra-anatomic bypass was an aorta to left subclavian bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5195	1	Yes	2	No						
1	Yes												
2	No												
1310	lsubcarotidsub	Left Subclavian - Extra-Anatomic Bypass - Left Carotid-Left Subclavian <i>Indicate whether the extra-anatomic bypass was a left carotid to left subclavian bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5205	1	Yes	2	No						
1	Yes												
2	No												
1311	lsubother	Left Subclavian - Extra-Anatomic Bypass - Other <i>Indicate whether any other extra-anatomic left subclavian bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5213	1	Yes	2	No						
1	Yes												
2	No												
1312	otharchves	Arch Vessel Management - Other Arch Vessels Extra-Anatomic Bypass <i>Indicate whether other arch vessel extra-anatomic bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5214	1	Yes	2	No						
1	Yes												
2	No												
1313	othinnomcaro	Other - Extra-Anatomic Bypass - Innominate - Carotid <i>Indicate whether the extra-anatomic bypass was innominate to carotid</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5215	1	Yes	2	No						
1	Yes												
2	No												

1314	othinnomsub	Other - Extra-Anatomic Bypass - Innominate - Subclavian <i>Indicate whether the extra-anatomic bypass was innominate to subclavian</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5216	1	Yes	2	No						
1	Yes												
2	No												
1315	othsubsub	Other - Extra-Anatomic Bypass - Subclavian - Subclavian <i>Indicate whether the extra-anatomic bypass was subclavian to subclavian</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5217	1	Yes	2	No						
1	Yes												
2	No												
1316	othother	Other - Extra-Anatomic Bypass - Other <i>Indicate whether any other extra-anatomic arch vessel bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5218	1	Yes	2	No						
1	Yes												
2	No												
1317	celiac	Section Header: <i>Visceral Vessel Management</i> Visceral Vessel Management - Celiac <i>Indicate management of the celiac artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> Field Annotation: v2.9 SeqNo. 5220	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1318	celiacaortaceli	Celiac - Extra-Anatomic Bypass - Aorta-Celiac <i>Indicate whether the extra-anatomic bypass was aorta to celiac</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5225	1	Yes	2	No						
1	Yes												
2	No												
1319	celiaciliaceliac	Celiac - Extra-Anatomic Bypass - Iliac-Celiac <i>Indicate whether the extra-anatomic bypass was iliac to celiac</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5245	1	Yes	2	No						
1	Yes												
2	No												
1320	celiacother	Celiac - Extra-Anatomic Bypass - Other <i>Indicate whether another extra-anatomic celiac bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5265	1	Yes	2	No						
1	Yes												
2	No												
1321	supmesenteric	Visceral Vessel Management - Superior Mesenteric <i>Indicate management of the superior mesenteric artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> Field Annotation: v2.9 SeqNo. 5270	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1322	supmesaortasume	Superior Mesenteric - Extra-Anatomic Bypass - Aorta-Superior Mesenteric <i>Indicate whether the extra-anatomic bypass was aorta to superior mesenteric</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5280	1	Yes	2	No						
1	Yes												
2	No												

1323	supmesiliacsupme	Superior Mesenteric - Extra-Anatomic Bypass - Iliac-Superior Mesenteric <i>Indicate whether the extra-anatomic bypass was iliac to superior mesenteric</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5300	1	Yes	2	No						
1	Yes												
2	No												
1324	supmesother	Superior Mesenteric - Extra-Anatomic Bypass - Other <i>Indicate whether another extra-anatomic superior mesenteric bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5315	1	Yes	2	No						
1	Yes												
2	No												
1325	rightrenal	Visceral Vessel Management - Right Renal <i>Indicate management of the right renal artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> Field Annotation: v2.9 SeqNo. 5320	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1326	rtrenaortartre	Right Renal - Extra-Anatomic Bypass - Aorta-Right Renal <i>Indicate whether the extra-anatomic bypass was aorta to right renal</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5335	1	Yes	2	No						
1	Yes												
2	No												
1327	rtreniliactren	Right Renal - Extra-Anatomic Bypass - Iliac-Right Renal <i>Indicate whether the extra-anatomic bypass was iliac to right renal</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5355	1	Yes	2	No						
1	Yes												
2	No												
1328	rtrenother	Right Renal - Extra-Anatomic Bypass - Other <i>Indicate whether another extra-anatomic right renal bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5365	1	Yes	2	No						
1	Yes												
2	No												
1329	leftrenal	Visceral Vessel Management - Left Renal <i>Indicate management of the left renal artery</i>	dropdown <table border="1"> <tr><td>1</td><td>Native Flow</td></tr> <tr><td>2</td><td>Endovascular Branch Graft</td></tr> <tr><td>3</td><td>Endovascular Parallel Graft</td></tr> <tr><td>4</td><td>Extra-anatomic Bypass</td></tr> <tr><td>5</td><td>Fenestrated</td></tr> </table> Field Annotation: v2.9 SeqNo. 5370	1	Native Flow	2	Endovascular Branch Graft	3	Endovascular Parallel Graft	4	Extra-anatomic Bypass	5	Fenestrated
1	Native Flow												
2	Endovascular Branch Graft												
3	Endovascular Parallel Graft												
4	Extra-anatomic Bypass												
5	Fenestrated												
1330	ltrenaortaltre	Left Renal - Extra-Anatomic Bypass - Aorta-Left Renal <i>Indicate whether the extra-anatomic bypass was aorta to left renal</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5375	1	Yes	2	No						
1	Yes												
2	No												
1331	ltreniliactren	Left Renal - Extra-Anatomic Bypass - Iliac-Left Renal <i>Indicate whether the extra-anatomic bypass was iliac to left renal</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5380	1	Yes	2	No						
1	Yes												
2	No												

1332	ltrenother	Left Renal - Extra-Anatomic Bypass - Other <i>Indicate whether another extra-anatomic left renal bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5385								
1333	rightiliac	Visceral Vessel Management - Right Iliac <i>Indicate management of the right iliac artery</i>	radio <table border="1"> <tr><td>1</td><td>Native flow</td></tr> <tr><td>2</td><td>Bifurcated graft</td></tr> <tr><td>3</td><td>Extra-anatomic bypass</td></tr> </table>	1	Native flow	2	Bifurcated graft	3	Extra-anatomic bypass		
1	Native flow										
2	Bifurcated graft										
3	Extra-anatomic bypass										
			Field Annotation: v2.9 SeqNo. 5390								
1334	rtiliacfemfem	Visceral Vessel Management - Right Iliac - Femoral-Femoral <i>Indicate whether the extra-anatomic bypass was femoral to femoral</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5391								
1335	rtiliacother	Visceral Vessel Management - Right Iliac - Other <i>Indicate whether another right iliac extra-anatomic bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5392								
1336	leftiliac	Visceral Vessel Management - Left Iliac <i>Indicate management of the left iliac artery</i>	radio <table border="1"> <tr><td>1</td><td>Native flow</td></tr> <tr><td>2</td><td>Bifurcated graft</td></tr> <tr><td>3</td><td>Extra-anatomic bypass</td></tr> </table>	1	Native flow	2	Bifurcated graft	3	Extra-anatomic bypass		
1	Native flow										
2	Bifurcated graft										
3	Extra-anatomic bypass										
			Field Annotation: v2.9 SeqNo. 5393								
1337	ltiliacfemfem	Visceral Vessel Management - Left Iliac - Femoral-Femoral <i>Indicate whether the extra-anatomic bypass was femoral to femoral</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5394								
1338	ltiliacother	Visceral Vessel Management - Left Iliac - Other <i>Indicate whether another left iliac extra-anatomic bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5395								
1339	intiliacpres	Visceral Vessel Management - Internal Iliac Preserved <i>Indicate whether the internal iliac was preserved</i>	radio <table border="1"> <tr><td>1</td><td>Right iliac only</td></tr> <tr><td>2</td><td>Left iliac only</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>No</td></tr> </table>	1	Right iliac only	2	Left iliac only	3	Both	4	No
1	Right iliac only										
2	Left iliac only										
3	Both										
4	No										
			Field Annotation: v2.9 SeqNo. 5396								
1340	othvisves	Visceral Vessel Management - Other visceral Vessels Extra-Anatomic Bypass <i>Indicate whether extra-anatomic bypass of other visceral vessels was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5397								
1341	othvisaortoth	Visceral Vessel Management - Other visceral Vessels Extra-Anatomic Bypass - Aorta-Other <i>Indicate whether other extra-anatomic bypass included an aorta to other bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No				
1	Yes										
2	No										
			Field Annotation: v2.9 SeqNo. 5398								

1342	othvisiliacoth	Visceral Vessel Management - Other visceral Vessels Extra-Anatomic Bypass - Iliac-Other <i>Indicate whether other extra-anatomic bypass included an iliac to other bypass</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5399												
1343	othvisiother	Visceral Vessel Management - Other visceral Vessels Extra-Anatomic Bypass - Other <i>Indicate whether any other visceral vessel extra-anatomic bypass was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5400												
1344	disproxtearcov	Dissection Proximal Entry Tear Covered <i>Indicate whether the proximal entry tear was covered</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5401												
1345	endoendproc	Endoleak At End Of Procedure <i>Indicate whether there was endoleak present at the end of the procedure</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5402												
1346	endoendprocty	Endoleak At End Of Procedure - Type <i>Indicate the type of endoleak present</i>	radio <table border="1"> <tr><td>1</td><td>Ia</td></tr> <tr><td>2</td><td>Ib</td></tr> <tr><td>3</td><td>II</td></tr> <tr><td>4</td><td>III</td></tr> <tr><td>5</td><td>IV</td></tr> <tr><td>6</td><td>V</td></tr> </table>	1	Ia	2	Ib	3	II	4	III	5	IV	6	V
1	Ia														
2	Ib														
3	II														
4	III														
5	IV														
6	V														
			Field Annotation: v2.9 SeqNo. 5403												
1347	convtoopen	Conversion To Open <i>Indicate whether there was an unplanned conversion to an open procedure</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5404												
1348	convtoopenres	Conversion To Open - Reason <i>Indicate the reason for conversion to open procedure</i>	radio <table border="1"> <tr><td>1</td><td>Deployment failure</td></tr> <tr><td>2</td><td>Endoleak</td></tr> <tr><td>3</td><td>Rupture</td></tr> <tr><td>4</td><td>Occlusion / loss of branch</td></tr> </table>	1	Deployment failure	2	Endoleak	3	Rupture	4	Occlusion / loss of branch				
1	Deployment failure														
2	Endoleak														
3	Rupture														
4	Occlusion / loss of branch														
			Field Annotation: v2.9 SeqNo. 5405												
1349	intdisexten	Intraop Dissection Extension <i>Indicate whether there was intraoperative dissection extension</i>	radio <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Antegrade</td></tr> <tr><td>3</td><td>Retrograde</td></tr> <tr><td>4</td><td>Both</td></tr> </table>	1	None	2	Antegrade	3	Retrograde	4	Both				
1	None														
2	Antegrade														
3	Retrograde														
4	Both														
			Field Annotation: v2.9 SeqNo. 5406												
1350	unintrup	Unintentional Rupture Of Dissection Septum <i>Indicate whether there was unintentional rupture of the dissection septum</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 5407												

1351	unintruploc	Unintentional Rupture Of Dissection Septum - Location <i>Indicate the location of the unintentional rupture of the dissection septum</i>	dropdown <table border="1"> <tr><td>1</td><td>Below STJ</td></tr> <tr><td>2</td><td>STJ-midascending</td></tr> <tr><td>3</td><td>Midascending to distal ascending</td></tr> <tr><td>4</td><td>Zone 1</td></tr> <tr><td>5</td><td>Zone 2</td></tr> <tr><td>6</td><td>Zone 3</td></tr> <tr><td>7</td><td>Zone 4</td></tr> <tr><td>8</td><td>Zone 5</td></tr> <tr><td>9</td><td>Zone 6</td></tr> <tr><td>10</td><td>Zone 7</td></tr> <tr><td>11</td><td>Zone 8</td></tr> <tr><td>12</td><td>Zone 9</td></tr> <tr><td>13</td><td>Zone 10</td></tr> <tr><td>14</td><td>Zone 11</td></tr> </table>	1	Below STJ	2	STJ-midascending	3	Midascending to distal ascending	4	Zone 1	5	Zone 2	6	Zone 3	7	Zone 4	8	Zone 5	9	Zone 6	10	Zone 7	11	Zone 8	12	Zone 9	13	Zone 10	14	Zone 11
1	Below STJ																														
2	STJ-midascending																														
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9	Zone 6																														
10	Zone 7																														
11	Zone 8																														
12	Zone 9																														
13	Zone 10																														
14	Zone 11																														
			Field Annotation: v2.9 SeqNo. 5408																												
1352	spinaldrain	Spinal Drain <i>Indicate when/if a spinal drain was placed</i>	radio <table border="1"> <tr><td>1</td><td>Pre-aortic procedure</td></tr> <tr><td>2</td><td>Post-aortic procedure</td></tr> <tr><td>3</td><td>None</td></tr> </table>	1	Pre-aortic procedure	2	Post-aortic procedure	3	None																						
1	Pre-aortic procedure																														
2	Post-aortic procedure																														
3	None																														
			Field Annotation: v2.9 SeqNo. 5420																												
1353	motorevoke	IntraOp Motor Evoked Potential <i>Indicate whether motor evoked potential was measured intraoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																								
1	Yes																														
2	No																														
			Field Annotation: v2.9 SeqNo. 5425																												
1354	motorevokeab	IntraOp Motor Evoked Potential - Documented MEP Abnormality <i>Indicate whether any abnormality of motor evoked potential was documented</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
			Field Annotation: v2.9 SeqNo. 5426																												
1355	somatevoke	IntraOp Somatosensory Evoked Potential <i>indicate whether somatosensory evoked potential was measured intraoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																								
1	Yes																														
2	No																														
			Field Annotation: v2.9 SeqNo. 5430																												
1356	somatevokeab	IntraOp Somatosensory Evoked Potential - Documented SEP Abnormality <i>Indicate whether any abnormality of somatosensory evoked potential was documented</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table>	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
			Field Annotation: v2.9 SeqNo. 5431																												
1357	intraopeeg	IntraOp EEG <i>Indicate whether EEG was monitored intraoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No																								
1	Yes																														
2	No																														
			Field Annotation: v2.9 SeqNo. 5432																												

1358	intraopeegab	IntraOp EEG - Documented EEG Abnormality <i>Indicate whether any abnormality of intraoperative EEG was documented</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: v2.9 SeqNo. 5433	1	Yes	2	No	3	Unknown																						
1	Yes																														
2	No																														
3	Unknown																														
1359	intraopivus	IntraOp Intravascular Ultrasound (IVUS) <i>indicate whether intravascular ultrasound was used interoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5434	1	Yes	2	No																								
1	Yes																														
2	No																														
1360	transdoppler	IntraOp Transcutaneous Doppler <i>Indicate whether a transcutaneous doppler was used intraoperatively</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5435	1	Yes	2	No																								
1	Yes																														
2	No																														
1361	intraopang	IntraOp Angiogram <i>Indicate whether an intraoperative angiogram was performed</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5436	1	Yes	2	No																								
1	Yes																														
2	No																														
1362	intraopangvol	IntraOp Angiogram - Volume Of Contrast <i>Indicate the total volume of contrast given intraoperatively</i>	text Field Annotation: v2.9 SeqNo. 5437																												
1363	intraopangftm	IntraOp Angiogram - Fluoroscopy Time In Minutes <i>Indicate the total intraoperative fluoroscopy time in minutes</i>	text Field Annotation: v2.9 SeqNo. 5438																												
1364	adevins	Aorta Device Inserted <i>Indicate whether one or more devices were inserted into the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 5440	1	Yes	2	No																								
1	Yes																														
2	No																														
1365	adevloc01	Aorta Device - Location #01 <i>Indicate the location within the aorta where device #01 was inserted.</i>	dropdown <table border="1"> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5450	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
2	Below sinotubular junction																														
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13	Zone 9 (infrarenal abdominal aorta)																														
14	Zone 10 (common iliac)																														
15	Zone 11 (external iliacs)																														
1366	adevdelmeth01	Aorta Device - Delivery Method #01 <i>Indicate the delivery method used to insert device #01 witin the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5455	1	Open	2	Endovascular																								
1	Open																														
2	Endovascular																														

1367	adevout01	Aorta Device - Outcome #01 <i>Indicate the outcome of the attempt to insert device #01.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5460	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1368	adevmodel01	Aorta Device - Model Number #01 <i>Indicate the model number of aorta device #01.</i>	text Field Annotation: v2.9 SeqNo. 5465																														
1369	adevudi01	Aorta Device - Unique Device Identifier #01 <i>Indicate the Unique Device Identifier (UDI) of aorta device #01 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5470																														
1370	adevloc02	Aorta Device - Location #02 <i>Indicate the location within the aorta where device #02 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5475	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
1	No additional devices inserted																																
2	Below sinotubular junction																																
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14	Zone 10 (common iliac)																																
15	Zone 11 (external iliacs)																																
1371	adevdelmeth02	Aorta Device - Delivery Method #02 <i>Indicate the delivery method used to insert device #02 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5480	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1372	adevout02	Aorta Device - Outcome #02 <i>Indicate the outcome of the attempt to insert device #02.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5485	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1373	adevmodel02	Aorta Device - Model Number #02 <i>Indicate the model number of aorta device #02.</i>	text Field Annotation: v2.9 SeqNo. 5490																														
1374	adevudi02	Aorta Device - Unique Device Identifier #02 <i>Indicate the Unique Device Identifier (UDI) of aorta device #02 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5495																														

1375	adevloc03	Aorta Device - Location #03 <i>Indicate the location within the aorta where device #03 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5500	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1376	adevdelmeth03	Aorta Device - Delivery Method #03 <i>Indicate the delivery method used to insert device #03 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5505	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1377	adevout03	Aorta Device - Outcome #03 <i>Indicate the outcome of the attempt to insert device #03.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5510	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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1378	adevmodel03	Aorta Device - Model Number #03 <i>Indicate the model number of aorta device #03.</i>	text Field Annotation: v2.9 SeqNo. 5515																														
1379	adevudi03	Aorta Device - Unique Device Identifier #03 <i>Indicate the Unique Device Identifier (UDI) of aorta device #03 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5520																														

1380	adevloc04	<p>Aorta Device - Location #04 <i>Indicate the location within the aorta where device #04 was inserted, or indicate that no additional devices were inserted.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5525</p>	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1381	adevdelmeth04	<p>Aorta Device - Delivery Method #04 <i>Indicate the delivery method used to insert device #04 within the aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5530</p>	1	Open	2	Endovascular																										
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2	Endovascular																																
1382	adevout04	<p>Aorta Device - Outcome #04 <i>Indicate the outcome of the attempt to insert device #04.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5535</p>	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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1383	adevmodel04	<p>Aorta Device - Model Number #04 <i>Indicate the model number of aorta device #04.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 5540</p>																														
1384	adevudi04	<p>Aorta Device - Unique Device Identifier #04 <i>Indicate the Unique Device Identifier (UDI) of aorta device #04 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 5545</p>																														

1385	adevloc05	Aorta Device - Location #05 <i>Indicate the location within the aorta where device #05 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5550	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1386	adevdelmeth05	Aorta Device - Delivery Method #05 <i>Indicate the delivery method used to insert device #05 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5555	1	Open	2	Endovascular																										
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2	Endovascular																																
1387	adevout05	Aorta Device - Outcome #05 <i>Indicate the outcome of the attempt to insert device #05.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5560	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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1388	adevmodel05	Aorta Device - Model Number #05 <i>Indicate the model number of aorta device #05.</i>	text Field Annotation: v2.9 SeqNo. 5565																														
1389	adevudi05	Aorta Device - Unique Device Identifier #05 <i>Indicate the Unique Device Identifier (UDI) of aorta device #05 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5570																														

1390	adevloc06	Aorta Device - Location #06 <i>Indicate the location within the aorta where device #06 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5575	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1391	adevdelmeth06	Aorta Device - Delivery Method #06 <i>Indicate the delivery method used to insert device #06 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5580	1	Open	2	Endovascular																										
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1392	adevout06	Aorta Device - Outcome #06 <i>Indicate the outcome of the attempt to insert device #06.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5585	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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1393	adevmodel06	Aorta Device - Model Number #06 <i>Indicate the model number of aorta device #06.</i>	text Field Annotation: v2.9 SeqNo. 5590																														
1394	adevudi06	Aorta Device - Unique Device Identifier #06 <i>Indicate the Unique Device Identifier (UDI) of aorta device #06 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5595																														

1395	adevloc07	Aorta Device - Location #07 <i>Indicate the location within the aorta where device #07 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5600	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1396	adevdelmeth07	Aorta Device - Delivery Method #07 <i>Indicate the delivery method used to insert device #07 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5605	1	Open	2	Endovascular																										
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1397	adevout07	Aorta Device - Outcome #07 <i>Indicate the outcome of the attempt to insert device #07.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5610	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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1398	adevmodel07	Aorta Device - Model Number #07 <i>Indicate the model number of aorta device #07.</i>	text Field Annotation: v2.9 SeqNo. 5615																														
1399	adevudi07	Aorta Device - Unique Device Identifier #07 <i>Indicate the Unique Device Identifier (UDI) of aorta device #07 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5620																														

1400	adevloc08	<p>Aorta Device - Location #08 <i>Indicate the location within the aorta where device #08 was inserted, or indicate that no additional devices were inserted.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5625</p>	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1401	adevdelmeth08	<p>Aorta Device - Delivery Method #08 <i>Indicate the delivery method used to insert device #08 within the aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5630</p>	1	Open	2	Endovascular																										
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1402	adevout08	<p>Aorta Device - Outcome #08 <i>Indicate the outcome of the attempt to insert device #08.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5635</p>	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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2	Deployed and removed																																
3	Successfully deployed																																
1403	adevmodel08	<p>Aorta Device - Model Number #08 <i>Indicate the model number of aorta device #08.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 5640</p>																														
1404	adevudi08	<p>Aorta Device - Unique Device Identifier #08 <i>Indicate the Unique Device Identifier (UDI) of aorta device #08 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 5645</p>																														

1405	adevloc09	Aorta Device - Location #09 <i>Indicate the location within the aorta where device #09 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5650	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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13	Zone 9 (infrarenal abdominal aorta)																																
14	Zone 10 (common iliac)																																
15	Zone 11 (external iliacs)																																
1406	adevdelmeth09	Aorta Device - Delivery Method #09 <i>Indicate the delivery method used to insert device #09 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5655	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1407	adevout09	Aorta Device - Outcome #09 <i>Indicate the outcome of the attempt to insert device #09.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5660	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1408	adevmodel09	Aorta Device - Model Number #09 <i>Indicate the model number of aorta device #09.</i>	text Field Annotation: v2.9 SeqNo. 5665																														
1409	adevudi09	Aorta Device - Unique Device Identifier #09 <i>Indicate the Unique Device Identifier (UDI) of aorta device #09 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5670																														

1410	adevloc10	Aorta Device - Location #10 <i>Indicate the location within the aorta where device #10 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5675	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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14	Zone 10 (common iliac)																																
15	Zone 11 (external iliacs)																																
1411	adevdelmeth10	Aorta Device - Delivery Method #10 <i>Indicate the delivery method used to insert device #10 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5680	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1412	adevout10	Aorta Device - Outcome #10 <i>Indicate the outcome of the attempt to insert device #10.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5685	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1413	adevmodel10	Aorta Device - Model Number #10 <i>Indicate the model number of aorta device #10.</i>	text Field Annotation: v2.9 SeqNo. 5690																														
1414	adevudi10	Aorta Device - Unique Device Identifier #10 <i>Indicate the Unique Device Identifier (UDI) of aorta device #10 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5695																														

1415	adevloc11	Aorta Device - Location #11 <i>Indicate the location within the aorta where device #11 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5700	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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14	Zone 10 (common iliac)																																
15	Zone 11 (external iliacs)																																
1416	adevdelmeth11	Aorta Device - Delivery Method #11 <i>Indicate the delivery method used to insert device #11 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5705	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1417	adevout11	Aorta Device - Outcome #11 <i>Indicate the outcome of the attempt to insert device #11.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5710	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1418	adevmodel11	Aorta Device - Model Number #11 <i>Indicate the model number of aorta device #11.</i>	text Field Annotation: v2.9 SeqNo. 5715																														
1419	adevudi11	Aorta Device - Unique Device Identifier #11 <i>Indicate the Unique Device Identifier (UDI) of aorta device #11 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5720																														

1420	adevloc12	Aorta Device - Location #12 <i>Indicate the location within the aorta where device #12 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5725	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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14	Zone 10 (common iliac)																																
15	Zone 11 (external iliacs)																																
1421	adevdelmeth12	Aorta Device - Delivery Method #12 <i>Indicate the delivery method used to insert device #12 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5730	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1422	adevout12	Aorta Device - Outcome #12 <i>Indicate the outcome of the attempt to insert device #12.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5735	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1423	adevmodel12	Aorta Device - Model Number #12 <i>Indicate the model number of aorta device #12.</i>	text Field Annotation: v2.9 SeqNo. 5740																														
1424	adevudi12	Aorta Device - Unique Device Identifier #12 <i>Indicate the Unique Device Identifier (UDI) of aorta device #12 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5745																														

1425	adevloc13	Aorta Device - Location #13 <i>Indicate the location within the aorta where device #13 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5750	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1426	adevdelmeth13	Aorta Device - Delivery Method #13 <i>Indicate the delivery method used to insert device #13 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5755	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1427	adevout13	Aorta Device - Outcome #13 <i>Indicate the outcome of the attempt to insert device #13.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5760	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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2	Deployed and removed																																
3	Successfully deployed																																
1428	adevmodel13	Aorta Device - Model Number #13 <i>Indicate the model number of aorta device #13.</i>	text Field Annotation: v2.9 SeqNo. 5765																														
1429	adevudi13	Aorta Device - Unique Device Identifier #13 <i>Indicate the Unique Device Identifier (UDI) of aorta device #13 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5770																														

1430	adevloc14	Aorta Device - Location #14 <i>Indicate the location within the aorta where device #14 was inserted, or indicate that no additional devices were inserted.</i>	dropdown <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> Field Annotation: v2.9 SeqNo. 5775	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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1431	adevdelmeth14	Aorta Device - Delivery Method #14 <i>Indicate the delivery method used to insert device #14 within the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 5780	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1432	adevout14	Aorta Device - Outcome #14 <i>Indicate the outcome of the attempt to insert device #14.</i>	radio <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> Field Annotation: v2.9 SeqNo. 5785	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
1	Maldeployed																																
2	Deployed and removed																																
3	Successfully deployed																																
1433	adevmodel14	Aorta Device - Model Number #14 <i>Indicate the model number of aorta device #14.</i>	text Field Annotation: v2.9 SeqNo. 5790																														
1434	adevudi14	Aorta Device - Unique Device Identifier #14 <i>Indicate the Unique Device Identifier (UDI) of aorta device #14 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i>	text Field Annotation: v2.9 SeqNo. 5795																														

1435	adevloc15	<p>Aorta Device - Location #15 <i>Indicate the location within the aorta where device #15 was inserted, or indicate that no additional devices were inserted.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No additional devices inserted</td></tr> <tr><td>2</td><td>Below sinotubular junction</td></tr> <tr><td>3</td><td>Sinotubular junction to mid ascending</td></tr> <tr><td>4</td><td>Mid ascending to distal ascending</td></tr> <tr><td>5</td><td>Zone 1 (between innominate and left carotid)</td></tr> <tr><td>6</td><td>Zone 2 (between left carotid and left subclavian)</td></tr> <tr><td>7</td><td>Zone 3 (first 2 cm. distal to left subclavian)</td></tr> <tr><td>8</td><td>Zone 4 (end of zone 3 to mid descending aorta - T6)</td></tr> <tr><td>9</td><td>Zone 5 (mid descending aorta to celiac)</td></tr> <tr><td>10</td><td>Zone 6 (celiac to superior mesenteric)</td></tr> <tr><td>11</td><td>Zone 7 (superior mesenteric to renals)</td></tr> <tr><td>12</td><td>Zone 8 (renal to infra-renal abdominal aorta)</td></tr> <tr><td>13</td><td>Zone 9 (infrarenal abdominal aorta)</td></tr> <tr><td>14</td><td>Zone 10 (common iliac)</td></tr> <tr><td>15</td><td>Zone 11 (external iliacs)</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5800</p>	1	No additional devices inserted	2	Below sinotubular junction	3	Sinotubular junction to mid ascending	4	Mid ascending to distal ascending	5	Zone 1 (between innominate and left carotid)	6	Zone 2 (between left carotid and left subclavian)	7	Zone 3 (first 2 cm. distal to left subclavian)	8	Zone 4 (end of zone 3 to mid descending aorta - T6)	9	Zone 5 (mid descending aorta to celiac)	10	Zone 6 (celiac to superior mesenteric)	11	Zone 7 (superior mesenteric to renals)	12	Zone 8 (renal to infra-renal abdominal aorta)	13	Zone 9 (infrarenal abdominal aorta)	14	Zone 10 (common iliac)	15	Zone 11 (external iliacs)
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15	Zone 11 (external iliacs)																																
1436	adevdelmeth15	<p>Aorta Device - Delivery Method #15 <i>Indicate the delivery method used to insert device #15 within the aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5805</p>	1	Open	2	Endovascular																										
1	Open																																
2	Endovascular																																
1437	adevout15	<p>Aorta Device - Outcome #15 <i>Indicate the outcome of the attempt to insert device #15.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Maldeployed</td></tr> <tr><td>2</td><td>Deployed and removed</td></tr> <tr><td>3</td><td>Successfully deployed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 5810</p>	1	Maldeployed	2	Deployed and removed	3	Successfully deployed																								
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2	Deployed and removed																																
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1438	adevmodel15	<p>Aorta Device - Model Number #15 <i>Indicate the model number of aorta device #15.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 5815</p>																														
1439	adevudi15	<p>Aorta Device - Unique Device Identifier #15 <i>Indicate the Unique Device Identifier (UDI) of aorta device #15 if available, otherwise leave blank. Note that the UDI is not the same as the serial number.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 5820</p>																														
1440	aortprocasc	<p>Section Header: <i>null</i></p> <p>Aortic Procedure Location - Ascending(retired v2.81) <i>Indicate whether the aortic procedure location involved the ascending aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4345</p>	1	Yes	2	No																										
1	Yes																																
2	No																																
1441	aortprocoil	<p>Section Header: <i>null</i></p> <p>Coil Embolization of Aortic False Lumen(retired v2.81) <i>Indicate whether a coil embolization of the false lumen was performed.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4400</p>	1	Yes	2	No																										
1	Yes																																
2	No																																
1442	aortprocdesdist	<p>Section Header: <i>null</i></p> <p>Aortic Procedure Location - Descending - Distal(retired v2.81) <i>Indicate whether the aortic procedure location involved the distal descending aorta.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4370</p>	1	Yes	2	No																										
1	Yes																																
2	No																																

1443	aortprocdesmid	Section Header: <i>null</i> Aortic Procedure Location - Descending - Mid(retired v2.81) <i>Indicate whether the aortic procedure location involved the mid descending aorta.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4365
1444	aortprocdesprox	Section Header: <i>null</i> Aortic Procedure Location - Descending - Proximal(retired v2.81) <i>Indicate whether the aortic procedure location involved the proximal descending aorta.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4360
1445	aortprochemi	Section Header: <i>null</i> Aortic Procedure Location - Hemi-Arch(retired v2.81) <i>Indicate whether the aortic procedure location involved the hemi arch</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4350
1446	aortprocother	Section Header: <i>null</i> Aortic Procedure - Other(retired v2.81) <i>Indicate whether the aortic procedure was a procedure other than those previously described.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4410
1447	aortprocroot	Section Header: <i>null</i> Aortic Procedure Location - Root(retired v2.81) <i>Indicate whether the aortic procedure location involved the aortic root.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4340
1448	aortproctevr	Section Header: <i>null</i> Aortic Procedure TEVAR(retired v2.81) <i>Indicate whether the aortic procedure was a thoracic endovascular aneurysm repair (TEVAR).</i>	radio 1 Yes, with debranching 2 Yes, without debranching 3 No Field Annotation: v2.81 SeqNo. 4405
1449	aortprocthora	Section Header: <i>null</i> Aortic Procedure Location - Thoracoabdominal(retired v2.81) <i>Indicate whether the aortic procedure location involved the thoracoabdominal aorta.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4375
1450	aortproctotarch	Section Header: <i>null</i> Aortic Procedure Location - Total Arch(retired v2.81) <i>Indicate whether the aortic procedure location involved the total arch</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4355
1451	synthgft	Section Header: <i>null</i> Aortic Procedure Synthetic Graft Used(retired v2.81) <i>Indicate whether a synthetic graft was used in the aortic procedure.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4380
1452	synthgftcsf	Section Header: <i>null</i> Aortic Procedure Synthetic Graft Type - CSF Drainage Utilized(retired v2.81) <i>Indicate whether Cerebrospinal fluid drainage was utilized in conjunction with use of the synthetic graft.</i>	radio 1 Yes 2 No Field Annotation: v2.81 SeqNo. 4390

1453	synthgftelph	<p>Section Header: <i>null</i></p> <p>Aortic Procedure Synthetic Graft Type - Elephant Trunk(retired v2.81)</p> <p><i>Indicate whether an 'elephant trunk' synthetic graft was utilized.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4395</p>	1	Yes	2	No		
1	Yes								
2	No								
1454	synthgftinter	<p>Section Header: <i>null</i></p> <p>Aortic Procedure Synthetic Graft Type - Intercostal Vessels Re-implanted(retired v2.81)</p> <p><i>Indicate whether intercostal vessels were reimplanted in conjunction with use of the synthetic graft.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 4385</p>	1	Yes	2	No		
1	Yes								
2	No								
1455	aorta_and_aortic_root_procedures_complete	<p>Section Header: <i>Form Status</i></p> <p>Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								

Instrument: **Congenital Defect Other Noncardiac Repair** (congenital_defect_other_noncardiac_repair) [^ Collapse](#)

1456	ocarcongdiag1	<p>Section Header: <i>Congenital</i></p> <p>Other Card-Congenital Diagnosis 1</p> <p><i>Indicate the first of the three most significant congenital diagnoses.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>10</td><td>PFO</td></tr> <tr><td>20</td><td>ASD, Secundum</td></tr> <tr><td>30</td><td>ASD, Sinus venosus</td></tr> <tr><td>40</td><td>ASD, Coronary sinus</td></tr> <tr><td>50</td><td>ASD, Common atrium (single atrium)</td></tr> <tr><td>2150</td><td>ASD, Postoperative intertribal communication</td></tr> <tr><td>71</td><td>VSD, Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)</td></tr> <tr><td>73</td><td>VSD, Type 2 (Perimembranous) (Paramembranous) (Conoventricular)</td></tr> <tr><td>75</td><td>VSD, Type 3 (Inlet) (AV canal type)</td></tr> <tr><td>77</td><td>VSD, Type 4 (Muscular)</td></tr> <tr><td>79</td><td>VSD, Type: Gerbode type (LV-RA communication)</td></tr> <tr><td>80</td><td>VSD, Multiple</td></tr> <tr><td>100</td><td>AVC (AVSD), Complete (CAVSD)</td></tr> <tr><td>110</td><td>AVC (AVSD), Intermediate (transitional)</td></tr> <tr><td>120</td><td>AVC (AVSD), Partial (incomplete) (PAVSD) (ASD, primum)</td></tr> <tr><td>140</td><td>AP window (aortopulmonary window)</td></tr> <tr><td>150</td><td>Pulmonary artery origin from ascending aorta (hemitruncus)</td></tr> <tr><td>160</td><td>Truncus arteriosus</td></tr> <tr><td>170</td><td>Truncal valve insufficiency</td></tr> <tr><td>2470</td><td>Truncal valve stenosis</td></tr> <tr><td>2010</td><td>Truncus arteriosus + Interrupted aortic arch</td></tr> <tr><td>180</td><td>Partial anomalous pulmonary venous connection (PAPVC)</td></tr> <tr><td>190</td><td>Partial anomalous pulmonary venous connection (PAPVC), scimitar</td></tr> <tr><td>200</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)</td></tr> <tr><td>210</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)</td></tr> <tr><td>220</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)</td></tr> </table>	10	PFO	20	ASD, Secundum	30	ASD, Sinus venosus	40	ASD, Coronary sinus	50	ASD, Common atrium (single atrium)	2150	ASD, Postoperative intertribal communication	71	VSD, Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)	73	VSD, Type 2 (Perimembranous) (Paramembranous) (Conoventricular)	75	VSD, Type 3 (Inlet) (AV canal type)	77	VSD, Type 4 (Muscular)	79	VSD, Type: Gerbode type (LV-RA communication)	80	VSD, Multiple	100	AVC (AVSD), Complete (CAVSD)	110	AVC (AVSD), Intermediate (transitional)	120	AVC (AVSD), Partial (incomplete) (PAVSD) (ASD, primum)	140	AP window (aortopulmonary window)	150	Pulmonary artery origin from ascending aorta (hemitruncus)	160	Truncus arteriosus	170	Truncal valve insufficiency	2470	Truncal valve stenosis	2010	Truncus arteriosus + Interrupted aortic arch	180	Partial anomalous pulmonary venous connection (PAPVC)	190	Partial anomalous pulmonary venous connection (PAPVC), scimitar	200	Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)	210	Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)	220	Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)
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230	Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)
250	Cor triatriatum
260	Pulmonary venous stenosis
270	Systemic venous anomaly
280	Systemic venous obstruction
290	TOF
2140	TOF, Pulmonary stenosis
300	TOF, AVC (AVSD)
310	TOF, Absent pulmonary valve
320	Pulmonary atresia
330	Pulmonary atresia, IVS
340	Pulmonary atresia, VSD (Including TOF, PA)
350	Pulmonary atresia, VSD-MAPCA
360	MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)
370	Ebstein's anomaly
380	Tricuspid regurgitation, non-Ebsteins' related
390	Tricuspid stenosis
400	Tricuspid regurgitation and tricuspid stenosis
410	Tricuspid valve, other
420	Pulmonary stenosis, Valvar
430	Pulmonary artery stenosis (hypoplasia), Main (trunk)
440	Pulmonary artery stenosis, Branch, Central (within the hilar bifurcation)
450	Pulmonary artery stenosis, Branch, Peripheral (at or beyond the hilar bifurcation)
470	Pulmonary artery, Discontinuous
490	Pulmonary artery, Subvalvar
500	DCRV
510	Pulmonary valve, Other
530	Pulmonary insufficiency
540	Pulmonary insufficiency and pulmonary stenosis
2130	Shunt failure
520	Conduit failure
550	Aortic stenosis, Subvalvar
560	Aortic stenosis, Valvar
570	Aortic stenosis, Supravalvar
590	Aortic valve atresia
600	Aortic insufficiency
610	Aortic insufficiency and aortic stenosis
620	Aortic valve, Other
630	Sinus of Valsalva aneurysm
640	LV to aorta tunnel
650	"Mitral stenosis, Supravalvar mitral ring
660	Mitral stenosis, Valvar
670	Mitral stenosis, Subvalvar

680	Mitral stenosis, Subvalvar, Parachute
695	Mitral stenosis
700	Mitral regurgitation and mitral stenosis
710	Mitral regurgitation
720	Mitral valve, Other
730	Hypoplastic left heart syndrome (HLHS)
2080	Shone's syndrome
740	Cardiomyopathy (including dilated, restrictive, and hypertrophic)
750	Cardiomyopathy, End-stage congenital heart disease
760	Pericardial effusion
770	Pericarditis
780	Pericardial disease, Other
790	Single ventricle, DILV
800	Single ventricle, DIRV
810	Single ventricle, Mitral atresia
820	Single ventricle, Tricuspid
830	Single ventricle, Unbalanced AV canal
840	Single ventricle, Heterotaxia syndrome
850	Single ventricle, Other
851	Single Ventricle + Total anomalous pulmonary venous connection (TAPVC)
870	Congenitally corrected TGA
872	Congenitally corrected TGA, IVS
874	Congenitally corrected TGA, IVS-LVOTO
876	Congenitally corrected TGA, VSD
878	Congenitally corrected TGA, VSD-LVOTO
880	TGA, IVS
890	TGA, IVS-LVOTO
900	TGA, VSD
910	TGA, VSD-LVOTO
930	DORV, VSD type
940	DORV, TOF type
950	DORV, TGA type
960	DORV, Remote VSD (uncommitted VSD)
2030	DORV + AVSD (AV Canal)
975	DORV, IVS
980	DOLV
990	Coarctation of aorta
1000	Aortic arch hypoplasia
92	VSD + Aortic arch hypoplasia
94	VSD + Coarctation of aorta
1010	Coronary artery anomaly, Anomalous aortic origin of coronary artery (AAOCA)
1020	Coronary artery anomaly, Anomalous pulmonary origin (includes ALCAPA)
1030	Coronary artery anomaly, Fistula
1040	Coronary artery anomaly, Aneurysm
2420	Coronary artery anomaly, Ostial Atresia

1050	Coronary artery anomaly, Other
1070	Interrupted aortic arch
2020	Interrupted aortic arch + VSD
2000	Interrupted aortic arch + AP window (aortopulmonary window)
1080	Patent ductus arteriosus
1090	Vascular ring
1100	Pulmonary artery sling
1110	Aortic aneurysm (including pseudoaneurysm)
1120	Aortic dissection
1130	Lung disease, Benign
1140	Lung disease, Malignant
1160	Tracheal stenosis
2430	Tracheomalacia
1170	Airway disease, Other
1430	Pleural disease, Benign
1440	Pleural disease, Malignant
1450	Pneumothorax
1460	Pleural effusion
1470	Chylothorax
1480	Empyema
1490	Esophageal disease, Benign
1500	Esophageal disease, Malignant
1510	Mediastinal disease, Benign
1520	Mediastinal disease, Malignant
1540	Diaphragm paralysis
1550	Diaphragm disease, Other
2160	Rib tumor, Benign
2170	Rib tumor, Malignant
2180	Rib tumor, Metastatic
2190	Sternal tumor, Benign
2200	Sternal tumor, Malignant
2210	Sternal tumor, Metastatic
2220	Pectus carinatum
2230	Pectus excavatum
2240	Thoracic outlet syndrome
1180	Arrhythmia
2440	Arrhythmia, Atrial, Atrial fibrillation
2450	Arrhythmia, Atrial, Atrial flutter
2460	Arrhythmia, Atrial, Other
2050	Arrhythmia, Junctional
2060	Arrhythmia, Ventricular
1185	Arrhythmia, Heart block
1190	Arrhythmia, Heart block, Acquired
1200	Arrhythmia, Heart block, Congenital
1220	Arrhythmia, Pacemaker, Indication for replacement
1230	Atrial Isomerism, Left

1240	Atrial Isomerism, Right
2090	Dextrocardia
2100	Levocardia
2110	Mesocardia
2120	Situs inversus
1250	Aneurysm, Ventricular, Right (including pseudo aneurysm)
1260	Aneurysm, Ventricular, Left (including pseudoaneurysm)
1270	Aneurysm, Pulmonary artery
1280	Anuerysm, Other
1290	Hypoplastic RV
1300	Hypoplastic LV
2070	Postoperative bleeding
1310	Mediastinitis
1320	Endocarditis
1325	Rheumatic heart disease
1330	Prosthetic valve failure
1340	Myocardial infarction
1350	Cardiac tumor
1360	Pulmonary AV fistula
1370	Pulmonary embolism
1385	Pulmonary vascular obstructive disease
1390	Pulmonary vascular obstructive disease (Eisenmenger's)
1400	Primary pulmonary hypertension
1410	Persistent fetal circulation
1420	Meconium aspiration
2250	Kawasaki disease
1560	Cardiac, other
1570	Thoracic and/or mediastinal, Other
1580	Peripheral vascular, Other
2260	Complication of cardiovascular catheterization procedure
2270	Complication of cardiovascular catheterization procedure, Device embolization
2280	Complication of cardiovascular catheterization procedure, Perforation
2300	Complication of interventional radiology procedure
2310	Complication of interventional radiology procedure, Device embolization
2320	Complication of interventional radiology procedure, Device malfunction
2330	Complication of interventional radiology procedure, Perforation
2340	Foreign body, Intracardiac foreign body
2350	Foreign body, Intravascular foreign body
2360	Open sternum with closed skin
2370	Open sternum with open skin (includes membrane placed to close skin)

2380	Retained sternal wire causing irritation
2390	Syncope
2400	Trauma, Blunt
2410	Trauma, Penetrating
7000	Normal heart
7777	Miscellaneous, Other
4010	Status post - PFO, Primary closure
4020	Status post - ASD repair, Primary closure
4030	Status post - ASD repair,
4040	Status post - ASD repair, Device
6110	Status post - ASD repair, Patch + PAPVC repair
4050	Status post - ASD, Common atrium (single atrium), Septation
4060	Status post - ASD creation/enlargement
4070	Status post - ASD partial closure
4080	Status post - Atrial septal fenestration
4085	Status post - Atrial fenestration closure
4100	Status post - VSD repair, Primary closure
4110	Status post - VSD repair, Patch
4120	Status post - VSD repair, Device
4130	Status post - VSD, Multiple, Repair
4140	Status post - VSD creation/enlargement
4150	Status post - Ventricular septal fenestration
4170	Status post - AVC (AVSD) repair, Complete (CAVSD)
4180	Status post - AVC (AVSD) repair, Intermediate (Transitional)
4190	Status post - AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
6300	Status post - Valvuloplasty, Common atrioventricular valve
6250	Status post - Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
6230	Status post - Valve replacement, Common atrioventricular valve
4210	Status post - AP window repair
4220	Status post - Pulmonary artery origin from ascending aorta (hemitruncus) repair
4230	Status post - Truncus arteriosus repair
4240	Status post - Valvuloplasty, Truncal valve
6290	Status post - Valvuloplasty converted to valve replacement in the same operation, Truncal valve
4250	Status post - Valve replacement, Truncal valve
6220	Status post - Truncus + Interrupted aortic arch repair (IAA) repair
4260	Status post - PAPVC repair
4270	Status post - PAPVC, Scimitar, Repair

6120	Status post - PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
4280	Status post - TAPVC repair
6200	Status post - TAPVC repair + Shunt - systemic-to-pulmonary
4290	Status post - Cor triatriatum repair
4300	Status post - Pulmonary venous stenosis repair
4310	Status post - Atrial baffle procedure (non-Mustard, non-Senning)
4330	Status post - Anomalous systemic venous connection repair
4340	Status post - Systemic venous stenosis repair
4350	Status post - TOF repair, No ventriculotomy
4360	Status post - TOF repair, Ventriculotomy, Nontransanular patch
4370	Status post - TOF repair, Ventriculotomy, Transanular patch
4380	Status post - TOF repair, RV- PA conduit
4390	Status post - TOF - AVC (AVSD) repair
4400	Status post - TOF - Absent pulmonary valve repair
4420	Status post - Pulmonary atresia - VSD (including TOF, PA) repair
6700	Status post - Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6710	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])
6720	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6730	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
6740	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
6750	Status post - Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
4440	Status post - Unifocalization MAPCA(s)
4450	Status post - Occlusion of MAPCA(s)
4460	Status post - Valvuloplasty, Tricuspid
6280	Status post - Valvuloplasty converted to valve replacement in the same operation, Tricuspid
4465	Status post - Ebstein's repair

4470	Status post - Valve replacement, Tricuspid (TVR)
4480	Status post - Valve closure, Tricuspid (exclusion, univentricular approach)
4490	Status post - Valve excision, Tricuspid (without replacement)
4500	Status post - Valve surgery, Other, Tricuspid
4510	Status post - RVOT procedure
4520	Status post - 1 1/2 ventricular repair
4530	Status post - PA, reconstruction (plasty), Main (trunk)
4540	Status post - PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
4550	Status post - PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
4570	Status post - DCRV repair
4590	Status post - Valvuloplasty, Pulmonic
6270	Status post - Valvuloplasty converted to valve replacement in the same operation, Pulmonic
4600	Status post - Valve replacement, Pulmonic (PVR)
4630	Status post - Valve excision, Pulmonary (without replacement)
4640	Status post - Valve closure, Semilunar
4650	Status post - Valve surgery, Other, Pulmonic
4610	Status post - Conduit placement, RV to PA
4620	Status post - Conduit placement, LV to PA
5774	Status post - Conduit placement, Ventricle to aorta
5772	Status post - Conduit placement, Other
4580	Status post - Conduit reoperation
4660	Status post - Valvuloplasty, Aortic
6240	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic
6310	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
6320	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross- Konno procedure
4670	Status post - Valve replacement, Aortic (AVR)
4680	Status post - Valve replacement, Aortic (AVR), Mechanical
4690	Status post - Valve replacement, Aortic (AVR), Bioprosthetic
4700	Status post - Valve replacement, Aortic (AVR), Homograft
4715	Status post - Aortic root replacement, Bioprosthetic
4720	Status post - Aortic root replacement, Mechanical
4730	Status post - Aortic root replacement, Homograft

4735	Status post - Aortic root replacement, Valve sparing
4740	Status post - Ross procedure
4750	Status post - Konno procedure
4760	Status post - Ross-Konno procedure
4770	Status post - Other annular enlargement procedure
4780	Status post - Aortic stenosis, Subvalvar, Repair
6100	Status post - Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
4790	Status post - Aortic stenosis, Supravalvar, Repair
4800	Status post - Valve surgery, Other, Aortic
4810	Status post - Sinus of Valsalva, Aneurysm repair
4820	Status post - LV to aorta tunnel repair
4830	Status post - Valvuloplasty, Mitral
6260	Status post - Valvuloplasty converted to valve replacement in the same operation, Mitral
4840	Status post - Mitral stenosis, Supravalvar mitral ring repair
4850	Status post - Valve replacement, Mitral (MVR)
4860	Status post - Valve surgery, Other, Mitral
4870	Status post - Norwood procedure
4880	Status post - HLHS biventricular repair
6755	Status post - Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neoaorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
6160	Status post - Hybrid Approach "Stage 1", Application of RPA & LPA bands
6170	Status post - Hybrid Approach "Stage 1"

Field Annotation: v2.73

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Other Card-Congenital Diagnosis 2
Indicate the second of the three most significant congenital diagnoses.

dropdown	
1	No other congenital diagnoses
10	PFO
20	ASD, Secundum
30	ASD, Sinus venosus
40	ASD, Coronary sinus
50	ASD, Common atrium (single atrium)
2150	ASD, Postoperative intertribal communication
71	VSD, Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)
73	VSD, Type 2 (Perimembranous) (Paramembranous) (Conoventricular)
75	VSD, Type 3 (Inlet) (AV canal type)
77	VSD, Type 4 (Muscular)
79	VSD, Type: Gerbode type (LV-RA communication)
80	VSD, Multiple

100	AVC (AVSD), Complete (CAVSD)
110	AVC (AVSD), Intermediate (transitional)
120	AVC (AVSD), Partial (incomplete) (PAVSD) (ASD, primum)
140	AP window (aortopulmonary window)
150	Pulmonary artery origin from ascending aorta (hemitruncus)
160	Truncus arteriosus
170	Truncal valve insufficiency
2470	Truncal valve stenosis
2010	Truncus arteriosus + Interrupted aortic arch
180	Partial anomalous pulmonary venous connection (PAPVC)
190	Partial anomalous pulmonary venous connection (PAPVC), scimitar
200	Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)
210	Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)
220	Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)
230	Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)
250	Cor triatriatum
260	Pulmonary venous stenosis
270	Systemic venous anomaly
280	Systemic venous obstruction
290	TOF
2140	TOF, Pulmonary stenosis
300	TOF, AVC (AVSD)
310	TOF, Absent pulmonary valve
320	Pulmonary atresia
330	Pulmonary atresia, IVS
340	Pulmonary atresia, VSD (Including TOF, PA)
350	Pulmonary atresia, VSD-MAPCA
360	MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)
370	Ebstein's anomaly
380	Tricuspid regurgitation, non-Ebsteins' related
390	Tricuspid stenosis
400	Tricuspid regurgitation and tricuspid stenosis
410	Tricuspid valve, other
420	Pulmonary stenosis, Valvar
430	Pulmonary artery stenosis (hypoplasia), Main (trunk)
440	Pulmonary artery stenosis, Branch, Central (within the hilar bifurcation)
450	Pulmonary artery stenosis, Branch, Peripheral (at or beyond the hilar bifurcation)
470	Pulmonary artery, Discontinuous
490	Pulmonary artery, Subvalvar

500	DCRV
510	Pulmonary valve, Other
530	Pulmonary insufficiency
540	Pulmonary insufficiency and pulmonary stenosis
2130	Shunt failure
520	Conduit failure
550	Aortic stenosis, Subvalvar
560	Aortic stenosis, Valvar
570	Aortic stenosis, Supravalvar
590	Aortic valve atresia
600	Aortic insufficiency
610	Aortic insufficiency and aortic stenosis
620	Aortic valve, Other
630	Sinus of Valsalva aneurysm
640	LV to aorta tunnel
650	Mitral stenosis, Supravalvar mitral ring
660	Mitral stenosis, Valvar
670	Mitral stenosis, Subvalvar
680	Mitral stenosis, Subvalvar, Parachute
695	Mitral stenosis
700	Mitral regurgitation and mitral stenosis
710	Mitral regurgitation
720	Mitral valve, Other
730	Hypoplastic left heart syndrome (HLHS)
2080	Shone's syndrome
740	Cardiomyopathy (including dilated, restrictive, and hypertrophic)
750	Cardiomyopathy, End-stage congenital heart disease
760	Pericardial effusion
770	Pericarditis
780	Pericardial disease, Other
790	Single ventricle, DILV
800	Single ventricle, DIRV
810	Single ventricle, Mitral atresia
820	Single ventricle, Tricuspid
830	Single ventricle, Unbalanced AV canal
840	Single ventricle, Heterotaxia syndrome
850	Single ventricle, Other
851	Single Ventricle + Total anomalous pulmonary venous connection (TAPVC)
870	Congenitally corrected TGA
872	Congenitally corrected TGA, IVS
874	Congenitally corrected TGA, IVS-LVOTO
876	Congenitally corrected TGA, VSD
878	Congenitally corrected TGA, VSD-LVOTO
880	TGA, IVS
890	TGA, IVS-LVOTO

900	TGA, VSD
910	TGA, VSD-LVOTO
930	DORV, VSD type
940	DORV, TOF type
950	DORV, TGA type
960	DORV, Remote VSD (uncommitted VSD)
2030	DORV + AVSD (AV Canal)
975	DORV, IVS
980	DOLV
990	Coarctation of aorta
1000	Aortic arch hypoplasia
92	VSD + Aortic arch hypoplasia
94	VSD + Coarctation of aorta
1010	Coronary artery anomaly, Anomalous aortic origin of coronary artery (AAOCA)
1020	Coronary artery anomaly, Anomalous pulmonary origin (includes ALCAPA)
1030	Coronary artery anomaly, Fistula
1040	Coronary artery anomaly, Aneurysm
2420	Coronary artery anomaly, Ostial Atresia
1050	Coronary artery anomaly, Other
1070	Interrupted aortic arch
2020	Interrupted aortic arch + VSD
2000	Interrupted aortic arch + AP window (aortopulmonary window)
1080	Patent ductus arteriosus
1090	Vascular ring
1100	Pulmonary artery sling
1110	Aortic aneurysm (including pseudoaneurysm)
1120	Aortic dissection
1130	Lung disease, Benign
1140	Lung disease, Malignant
1160	Tracheal stenosis
2430	Tracheomalacia
1170	Airway disease, Other
1430	Pleural disease, Benign
1440	Pleural disease, Malignant
1450	Pneumothorax
1460	Pleural effusion
1470	Chylothorax
1480	Empyema
1490	Esophageal disease, Benign
1500	Esophageal disease, Malignant
1510	Mediastinal disease, Benign
1520	Mediastinal disease, Malignant
1540	Diaphragm paralysis
1550	Diaphragm disease, Other
2160	Rib tumor, Benign

2170	Rib tumor, Malignant
2180	Rib tumor, Metastatic
2190	Sternal tumor, Benign
2200	Sternal tumor, Malignant
2210	Sternal tumor, Metastatic
2220	Pectus carinatum
2230	Pectus excavatum
2240	Thoracic outlet syndrome
1180	Arrhythmia
2440	Arrhythmia, Atrial, Atrial fibrillation
2450	Arrhythmia, Atrial, Atrial flutter
2460	Arrhythmia, Atrial, Other
2050	Arrhythmia, Junctional
2060	Arrhythmia, Ventricular
1185	Arrhythmia, Heart block
1190	Arrhythmia, Heart block, Acquired
1200	Arrhythmia, Heart block, Congenital
1220	Arrhythmia, Pacemaker, Indication for replacement
1230	Atrial Isomerism, Left
1240	Atrial Isomerism, Right
2090	Dextrocardia
2100	Levocardia
2110	Mesocardia
2120	Situs inversus
1250	Aneurysm, Ventricular, Right (including pseudo aneurysm)
1260	Aneurysm, Ventricular, Left (including pseudoaneurysm)
1270	Aneurysm, Pulmonary artery
1280	Aneurysm, Other
1290	Hypoplastic RV
1300	Hypoplastic LV
2070	Postoperative bleeding
1310	Mediastinitis
1320	Endocarditis
1325	Rheumatic heart disease
1330	Prosthetic valve failure
1340	Myocardial infarction
1350	Cardiac tumor
1360	Pulmonary AV fistula
1370	Pulmonary embolism
1385	Pulmonary vascular obstructive disease
1390	Pulmonary vascular obstructive disease (Eisenmenger's)
1400	Primary pulmonary hypertension
1410	Persistent fetal circulation
1420	Meconium aspiration
2250	Kawasaki disease

1560	Cardiac, other
1570	Thoracic and/or mediastinal, Other
1580	Peripheral vascular, Other
2260	Complication of cardiovascular catheterization procedure
2270	Complication of cardiovascular catheterization procedure, Device embolization
2280	Complication of cardiovascular catheterization procedure, Perforation
2300	Complication of interventional radiology procedure
2310	Complication of interventional radiology procedure, Device embolization
2320	Complication of interventional radiology procedure, Device malfunction
2330	Complication of interventional radiology procedure, Perforation
2340	Foreign body, Intracardiac foreign body
2350	Foreign body, Intravascular foreign body
2360	Open sternum with closed skin
2370	Open sternum with open skin (includes membrane placed to close skin)
2380	Retained sternal wire causing irritation
2390	Syncope
2400	Trauma, Blunt
2410	Trauma, Penetrating
7000	Normal heart
7777	Miscellaneous, Other
4010	Status post - PFO, Primary closure
4020	Status post - ASD repair, Primary closure
4030	Status post - ASD repair,
4040	Status post - ASD repair, Device
6110	Status post - ASD repair, Patch + PAPVC repair
4050	Status post - ASD, Common atrium (single atrium), Septation
4060	Status post - ASD creation/enlargement
4070	Status post - ASD partial closure
4080	Status post - Atrial septal fenestration
4085	Status post - Atrial fenestration closure
4100	Status post - VSD repair, Primary closure
4110	Status post - VSD repair, Patch
4120	Status post - VSD repair, Device
4130	Status post - VSD, Multiple, Repair
4140	Status post - VSD creation/enlargement
4150	Status post - Ventricular septal fenestration
4170	Status post - AVC (AVSD) repair, Complete (CAVSD)
4180	Status post - AVC (AVSD) repair, Intermediate (Transitional)
4190	Status post - AVC (AVSD) repair, Partial (Incomplete) (PAVSD)

6300	Status post - Valvuloplasty, Common atrioventricular valve
6250	Status post - Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
6230	Status post - Valve replacement, Common atrioventricular valve
4210	Status post - AP window repair
4220	Status post - Pulmonary artery origin from ascending aorta (hemitruncus) repair
4230	Status post - Truncus arteriosus repair
4240	Status post - Valvuloplasty, Truncal valve
6290	Status post - Valvuloplasty converted to valve replacement in the same operation, Truncal valve
4250	Status post - Valve replacement, Truncal valve
6220	Status post - Truncus + Interrupted aortic arch repair (IAA) repair
4260	Status post - PAPVC repair
4270	Status post - PAPVC, Scimitar, Repair
6120	Status post - PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
4280	Status post - TAPVC repair
6200	Status post - TAPVC repair + Shunt - systemic-to-pulmonary
4290	Status post - Cor triatriatum repair
4300	Status post - Pulmonary venous stenosis repair
4310	Status post - Atrial baffle procedure (non-Mustard, non-Senning)
4330	Status post - Anomalous systemic venous connection repair
4340	Status post - Systemic venous stenosis repair
4350	Status post - TOF repair, No ventriculotomy
4360	Status post - TOF repair, Ventriculotomy, Nontransannular patch
4370	Status post - TOF repair, Ventriculotomy, Transannular patch
4380	Status post - TOF repair, RV- PA conduit
4390	Status post - TOF - AVC (AVSD) repair
4400	Status post - TOF - Absent pulmonary valve repair
4420	Status post - Pulmonary atresia - VSD (including TOF, PA) repair
6700	Status post - Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6710	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])

6720	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6730	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
6740	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
6750	Status post - Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
4440	Status post - Unifocalization MAPCA(s)
4450	Status post - Occlusion of MAPCA(s)
4460	Status post - Valvuloplasty, Tricuspid
6280	Status post - Valvuloplasty converted to valve replacement in the same operation, Tricuspid
4465	Status post - Ebstein's repair
4470	Status post - Valve replacement, Tricuspid (TVR)
4480	Status post - Valve closure, Tricuspid (exclusion, univentricular approach)
4490	Status post - Valve excision, Tricuspid (without replacement)
4500	Status post - Valve surgery, Other, Tricuspid
4510	Status post - RVOT procedure
4520	Status post - 1 1/2 ventricular repair
4530	Status post - PA, reconstruction (plasty), Main (trunk)
4540	Status post - PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
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4570	Status post - DCRV repair
4590	Status post - Valvuloplasty, Pulmonic
6270	Status post - Valvuloplasty converted to valve replacement in the same operation, Pulmonic
4600	Status post - Valve replacement, Pulmonic (PVR)
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4650	Status post - Valve surgery, Other, Pulmonic
4610	Status post - Conduit placement, RV to PA
4620	Status post - Conduit placement, LV to PA
5774	Status post - Conduit placement, Ventricle to aorta
5772	Status post - Conduit placement, Other
4580	Status post - Conduit reoperation
4660	Status post - Valvuloplasty, Aortic

6240	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic
6310	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
6320	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross- Konno procedure
4670	Status post - Valve replacement, Aortic (AVR)
4680	Status post - Valve replacement, Aortic (AVR), Mechanical
4690	Status post - Valve replacement, Aortic (AVR), Bioprosthetic
4700	Status post - Valve replacement, Aortic (AVR), Homograft
4715	Status post - Aortic root replacement, Bioprosthetic
4720	Status post - Aortic root replacement, Mechanical
4730	Status post - Aortic root replacement, Homograft
4735	Status post - Aortic root replacement, Valve sparing
4740	Status post - Ross procedure
4750	Status post - Konno procedure
4760	Status post - Ross-Konno procedure
4770	Status post - Other annular enlargement procedure
4780	Status post - Aortic stenosis, Subvalvar, Repair
6100	Status post - Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
4790	Status post - Aortic stenosis, Supravalvar, Repair
4800	Status post - Valve surgery, Other, Aortic
4810	Status post - Sinus of Valsalva, Aneurysm repair
4820	Status post - LV to aorta tunnel repair
4830	Status post - Valvuloplasty, Mitral
6260	Status post - Valvuloplasty converted to valve replacement in the same operation, Mitral
4840	Status post - Mitral stenosis, Supravalvar mitral ring repair
4850	Status post - Valve replacement, Mitral (MVR)
4860	Status post - Valve surgery, Other, Mitral
4870	Status post - Norwood procedure
4880	Status post - HLHS biventricular repair
6755	Status post - Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neoaorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
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			Field Annotation: v2.73																																																																												
1458	ocarcongdiag3	<p>Other Card-Congenital Diagnosis 3</p> <p><i>Indicate the third of the three most significant congenital diagnoses.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>No other congenital diagnoses</td></tr> <tr><td>10</td><td>PFO</td></tr> <tr><td>20</td><td>ASD, Secundum</td></tr> <tr><td>30</td><td>ASD, Sinus venosus</td></tr> <tr><td>40</td><td>ASD, Coronary sinus</td></tr> <tr><td>50</td><td>ASD, Common atrium (single atrium)</td></tr> <tr><td>2150</td><td>ASD, Postoperative intertribal communication</td></tr> <tr><td>71</td><td>VSD, Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)</td></tr> <tr><td>73</td><td>VSD, Type 2 (Perimembranous) (Paramembranous) (Conoventricular)</td></tr> <tr><td>75</td><td>VSD, Type 3 (Inlet) (AV canal type)</td></tr> <tr><td>77</td><td>VSD, Type 4 (Muscular)</td></tr> <tr><td>79</td><td>VSD, Type: Gerbode type (LV-RA communication)</td></tr> <tr><td>80</td><td>VSD, Multiple</td></tr> <tr><td>100</td><td>AVC (AVSD), Complete (CAVSD)</td></tr> <tr><td>110</td><td>AVC (AVSD), Intermediate (transitional)</td></tr> <tr><td>120</td><td>AVC (AVSD), Partial (incomplete) (PAVSD) (ASD, primum)</td></tr> <tr><td>140</td><td>AP window (aortopulmonary window)</td></tr> <tr><td>150</td><td>Pulmonary artery origin from ascending aorta (hemitruncus)</td></tr> <tr><td>160</td><td>Truncus arteriosus</td></tr> <tr><td>170</td><td>Truncal valve insufficiency</td></tr> <tr><td>2470</td><td>Truncal valve stenosis</td></tr> <tr><td>2010</td><td>Truncus arteriosus + Interrupted aortic arch</td></tr> <tr><td>180</td><td>Partial anomalous pulmonary venous connection (PAPVC)</td></tr> <tr><td>190</td><td>Partial anomalous pulmonary venous connection (PAPVC), scimitar</td></tr> <tr><td>200</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)</td></tr> <tr><td>210</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)</td></tr> <tr><td>220</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)</td></tr> <tr><td>230</td><td>Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)</td></tr> <tr><td>250</td><td>Cor triatriatum</td></tr> <tr><td>260</td><td>Pulmonary venous stenosis</td></tr> <tr><td>270</td><td>Systemic venous anomaly</td></tr> <tr><td>280</td><td>Systemic venous obstruction</td></tr> <tr><td>290</td><td>TOF</td></tr> <tr><td>2140</td><td>TOF, Pulmonary stenosis</td></tr> <tr><td>300</td><td>TOF, AVC (AVSD)</td></tr> <tr><td>310</td><td>TOF, Absent pulmonary valve</td></tr> <tr><td>320</td><td>Pulmonary atresia</td></tr> <tr><td>330</td><td>Pulmonary atresia, IVS</td></tr> </table>	1	No other congenital diagnoses	10	PFO	20	ASD, Secundum	30	ASD, Sinus venosus	40	ASD, Coronary sinus	50	ASD, Common atrium (single atrium)	2150	ASD, Postoperative intertribal communication	71	VSD, Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)	73	VSD, Type 2 (Perimembranous) (Paramembranous) (Conoventricular)	75	VSD, Type 3 (Inlet) (AV canal type)	77	VSD, Type 4 (Muscular)	79	VSD, Type: Gerbode type (LV-RA communication)	80	VSD, Multiple	100	AVC (AVSD), Complete (CAVSD)	110	AVC (AVSD), Intermediate (transitional)	120	AVC (AVSD), Partial (incomplete) (PAVSD) (ASD, primum)	140	AP window (aortopulmonary window)	150	Pulmonary artery origin from ascending aorta (hemitruncus)	160	Truncus arteriosus	170	Truncal valve insufficiency	2470	Truncal valve stenosis	2010	Truncus arteriosus + Interrupted aortic arch	180	Partial anomalous pulmonary venous connection (PAPVC)	190	Partial anomalous pulmonary venous connection (PAPVC), scimitar	200	Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)	210	Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)	220	Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)	230	Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)	250	Cor triatriatum	260	Pulmonary venous stenosis	270	Systemic venous anomaly	280	Systemic venous obstruction	290	TOF	2140	TOF, Pulmonary stenosis	300	TOF, AVC (AVSD)	310	TOF, Absent pulmonary valve	320	Pulmonary atresia	330	Pulmonary atresia, IVS
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200	Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)																																																																														
210	Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)																																																																														
220	Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)																																																																														
230	Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)																																																																														
250	Cor triatriatum																																																																														
260	Pulmonary venous stenosis																																																																														
270	Systemic venous anomaly																																																																														
280	Systemic venous obstruction																																																																														
290	TOF																																																																														
2140	TOF, Pulmonary stenosis																																																																														
300	TOF, AVC (AVSD)																																																																														
310	TOF, Absent pulmonary valve																																																																														
320	Pulmonary atresia																																																																														
330	Pulmonary atresia, IVS																																																																														

340	Pulmonary atresia, VSD (Including TOF, PA)
350	Pulmonary atresia, VSD-MAPCA
360	MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)
370	Ebstein's anomaly
380	Tricuspid regurgitation, non-Ebsteins' related
390	Tricuspid stenosis
400	Tricuspid regurgitation and tricuspid stenosis
410	Tricuspid valve, other
420	Pulmonary stenosis, Valvar
430	Pulmonary artery stenosis (hypoplasia), Main (trunk)
440	Pulmonary artery stenosis, Branch, Central (within the hilar bifurcation)
450	Pulmonary artery stenosis, Branch, Peripheral (at or beyond the hilar bifurcation)
470	Pulmonary artery, Discontinuous
490	Pulmonary artery, Subvalvar
500	DCRV
510	Pulmonary valve, Other
530	Pulmonary insufficiency
540	Pulmonary insufficiency and pulmonary stenosis
2130	Shunt failure
520	Conduit failure
550	Aortic stenosis, Subvalvar
560	Aortic stenosis, Valvar
570	Aortic stenosis, Supravalvar
590	Aortic valve atresia
600	Aortic insufficiency
610	Aortic insufficiency and aortic stenosis
620	Aortic valve, Other
630	Sinus of Valsalva aneurysm
640	LV to aorta tunnel
650	"Mitral stenosis, Supravalvar mitral ring
660	Mitral stenosis, Valvar
670	Mitral stenosis, Subvalvar
680	Mitral stenosis, Subvalvar, Parachute
695	Mitral stenosis
700	Mitral regurgitation and mitral stenosis
710	Mitral regurgitation
720	Mitral valve, Other
730	Hypoplastic left heart syndrome (HLHS)
2080	Shone's syndrome
740	Cardiomyopathy (including dilated, restrictive, and hypertrophic)
750	Cardiomyopathy, End-stage congenital heart disease
760	Pericardial effusion

770	Pericarditis
780	Pericardial disease, Other
790	Single ventricle, DILV
800	Single ventricle, DIRV
810	Single ventricle, Mitral atresia
820	Single ventricle, Tricuspid
830	Single ventricle, Unbalanced AV canal
840	Single ventricle, Heterotaxia syndrome
850	Single ventricle, Other
851	Single Ventricle + Total anomalous pulmonary venous connection (TAPVC)
870	Congenitally corrected TGA
872	Congenitally corrected TGA, IVS
874	Congenitally corrected TGA, IVS-LVOTO
876	Congenitally corrected TGA, VSD
878	Congenitally corrected TGA, VSD-LVOTO
880	TGA, IVS
890	TGA, IVS-LVOTO
900	TGA, VSD
910	TGA, VSD-LVOTO
930	DORV, VSD type
940	DORV, TOF type
950	DORV, TGA type
960	DORV, Remote VSD (uncommitted VSD)
2030	DORV + AVSD (AV Canal)
975	DORV, IVS
980	DOLV
990	Coarctation of aorta
1000	Aortic arch hypoplasia
92	VSD + Aortic arch hypoplasia
94	VSD + Coarctation of aorta
1010	Coronary artery anomaly, Anomalous aortic origin of coronary artery (AAOCA)
1020	Coronary artery anomaly, Anomalous pulmonary origin (includes ALCAPA)
1030	Coronary artery anomaly, Fistula
1040	Coronary artery anomaly, Aneurysm
2420	Coronary artery anomaly, Ostial Atresia
1050	Coronary artery anomaly, Other
1070	Interrupted aortic arch
2020	Interrupted aortic arch + VSD
2000	Interrupted aortic arch + AP window (aortopulmonary window)
1080	Patent ductus arteriosus
1090	Vascular ring
1100	Pulmonary artery sling
1110	Aortic aneurysm (including pseudoaneurysm)
1120	Aortic dissection
1130	Lung disease, Benign

1140	Lung disease, Malignant
1160	Tracheal stenosis
2430	Tracheomalacia
1170	Airway disease, Other
1430	Pleural disease, Benign
1440	Pleural disease, Malignant
1450	Pneumothorax
1460	Pleural effusion
1470	Chylothorax
1480	Empyema
1490	Esophageal disease, Benign
1500	Esophageal disease, Malignant
1510	Mediastinal disease, Benign
1520	Mediastinal disease, Malignant
1540	Diaphragm paralysis
1550	Diaphragm disease, Other
2160	Rib tumor, Benign
2170	Rib tumor, Malignant
2180	Rib tumor, Metastatic
2190	Sternal tumor, Benign
2200	Sternal tumor, Malignant
2210	Sternal tumor, Metastatic
2220	Pectus carinatum
2230	Pectus excavatum
2240	Thoracic outlet syndrome
1180	Arrhythmia
2440	Arrhythmia, Atrial, Atrial fibrillation
2450	Arrhythmia, Atrial, Atrial flutter
2460	Arrhythmia, Atrial, Other
2050	Arrhythmia, Junctional
2060	Arrhythmia, Ventricular
1185	Arrhythmia, Heart block
1190	Arrhythmia, Heart block, Acquired
1200	Arrhythmia, Heart block, Congenital
1220	Arrhythmia, Pacemaker, Indication for replacement
1230	Atrial Isomerism, Left
1240	Atrial Isomerism, Right
2090	Dextrocardia
2100	Levocardia
2110	Mesocardia
2120	Situs inversus
1250	Aneurysm, Ventricular, Right (including pseudo aneurysm)
1260	Aneurysm, Ventricular, Left (including pseudoaneurysm)
1270	Aneurysm, Pulmonary artery
1280	Aneurysm, Other
1290	Hypoplastic RV

1300	Hypoplastic LV
2070	Postoperative bleeding
1310	Mediastinitis
1320	Endocarditis
1325	Rheumatic heart disease
1330	Prosthetic valve failure
1340	Myocardial infarction
1350	Cardiac tumor
1360	Pulmonary AV fistula
1370	Pulmonary embolism
1385	Pulmonary vascular obstructive disease
1390	Pulmonary vascular obstructive disease (Eisenmenger's)
1400	Primary pulmonary hypertension
1410	Persistent fetal circulation
1420	Meconium aspiration
2250	Kawasaki disease
1560	Cardiac, other
1570	Thoracic and/or mediastinal, Other
1580	Peripheral vascular, Other
2260	Complication of cardiovascular catheterization procedure
2270	Complication of cardiovascular catheterization procedure, Device embolization
2280	Complication of cardiovascular catheterization procedure, Perforation
2300	Complication of interventional radiology procedure
2310	Complication of interventional radiology procedure, Device embolization
2320	Complication of interventional radiology procedure, Device malfunction
2330	Complication of interventional radiology procedure, Perforation
2340	Foreign body, Intracardiac foreign body
2350	Foreign body, Intravascular foreign body
2360	Open sternum with closed skin
2370	Open sternum with open skin (includes membrane placed to close skin)
2380	Retained sternal wire causing irritation
2390	Syncope
2400	Trauma, Blunt
2410	Trauma, Penetrating
7000	Normal heart
7777	Miscellaneous, Other
4010	Status post - PFO, Primary closure
4020	Status post - ASD repair, Primary closure
4030	Status post - ASD repair,
4040	Status post - ASD repair, Device
6110	Status post - ASD repair, Patch + PAPVC repair

4050	Status post - ASD, Common atrium (single atrium), Septation
4060	Status post - ASD creation/enlargement
4070	Status post - ASD partial closure
4080	Status post - Atrial septal fenestration
4085	Status post - Atrial fenestration closure
4100	Status post - VSD repair, Primary closure
4110	Status post - VSD repair, Patch
4120	Status post - VSD repair, Device
4130	Status post - VSD, Multiple, Repair
4140	Status post - VSD creation/enlargement
4150	Status post - Ventricular septal fenestration
4170	Status post - AVC (AVSD) repair, Complete (CAVSD)
4180	Status post - AVC (AVSD) repair, Intermediate (Transitional)
4190	Status post - AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
6300	Status post - Valvuloplasty, Common atrioventricular valve
6250	Status post - Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
6230	Status post - Valve replacement, Common atrioventricular valve
4210	Status post - AP window repair
4220	Status post - Pulmonary artery origin from ascending aorta (hemitruncus) repair
4230	Status post - Truncus arteriosus repair
4240	Status post - Valvuloplasty, Truncal valve
6290	Status post - Valvuloplasty converted to valve replacement in the same operation, Truncal valve
4250	Status post - Valve replacement, Truncal valve
6220	Status post - Truncus + Interrupted aortic arch repair (IAA) repair
4260	Status post - PAPVC repair
4270	Status post - PAPVC, Scimitar, Repair
6120	Status post - PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
4280	Status post - TAPVC repair
6200	Status post - TAPVC repair + Shunt - systemic-to-pulmonary
4290	Status post - Cor triatriatum repair
4300	Status post - Pulmonary venous stenosis repair
4310	Status post - Atrial baffle procedure (non-Mustard, non-Senning)
4330	Status post - Anomalous systemic venous connection repair
4340	Status post - Systemic venous stenosis repair
4350	Status post - TOF repair, No ventriculotomy

4360	Status post - TOF repair, Ventriculotomy, Nontransanular patch
4370	Status post - TOF repair, Ventriculotomy, Transanular patch
4380	Status post - TOF repair, RV- PA conduit
4390	Status post - TOF - AVC (AVSD) repair
4400	Status post - TOF - Absent pulmonary valve repair
4420	Status post - Pulmonary atresia - VSD (including TOF, PA) repair
6700	Status post - Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6710	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])
6720	Status post - Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
6730	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
6740	Status post - Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
6750	Status post - Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
4440	Status post - Unifocalization MAPCA(s)
4450	Status post - Occlusion of MAPCA(s)
4460	Status post - Valvuloplasty, Tricuspid
6280	Status post - Valvuloplasty converted to valve replacement in the same operation, Tricuspid
4465	Status post - Ebstein's repair
4470	Status post - Valve replacement, Tricuspid (TVR)
4480	Status post - Valve closure, Tricuspid (exclusion, univentricular approach)
4490	Status post - Valve excision, Tricuspid (without replacement)
4500	Status post - Valve surgery, Other, Tricuspid
4510	Status post - RVOT procedure
4520	Status post - 1 1/2 ventricular repair
4530	Status post - PA, reconstruction (plasty), Main (trunk)
4540	Status post - PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
4550	Status post - PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
4570	Status post - DCRV repair

4590	Status post - Valvuloplasty, Pulmonic
6270	Status post - Valvuloplasty converted to valve replacement in the same operation, Pulmonic
4600	Status post - Valve replacement, Pulmonic (PVR)
4630	Status post - Valve excision, Pulmonary (without replacement)
4640	Status post - Valve closure, Semilunar
4650	Status post - Valve surgery, Other, Pulmonic
4610	Status post - Conduit placement, RV to PA
4620	Status post - Conduit placement, LV to PA
5774	Status post - Conduit placement, Ventricle to aorta
5772	Status post - Conduit placement, Other
4580	Status post - Conduit reoperation
4660	Status post - Valvuloplasty, Aortic
6240	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic
6310	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
6320	Status post - Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross- Konno procedure
4670	Status post - Valve replacement, Aortic (AVR)
4680	Status post - Valve replacement, Aortic (AVR), Mechanical
4690	Status post - Valve replacement, Aortic (AVR), Bioprosthetic
4700	Status post - Valve replacement, Aortic (AVR), Homograft
4715	Status post - Aortic root replacement, Bioprosthetic
4720	Status post - Aortic root replacement, Mechanical
4730	Status post - Aortic root replacement, Homograft
4735	Status post - Aortic root replacement, Valve sparing
4740	Status post - Ross procedure
4750	Status post - Konno procedure
4760	Status post - Ross-Konno procedure
4770	Status post - Other annular enlargement procedure
4780	Status post - Aortic stenosis, Subvalvar, Repair
6100	Status post - Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
4790	Status post - Aortic stenosis, Supravalvar, Repair
4800	Status post - Valve surgery, Other, Aortic
4810	Status post - Sinus of Valsalva, Aneurysm repair
4820	Status post - LV to aorta tunnel repair

4830	Status post - Valvuloplasty, Mitral
6260	Status post - Valvuloplasty converted to valve replacement in the same operation, Mitral
4840	Status post - Mitral stenosis, Supravalvar mitral ring repair
4850	Status post - Valve replacement, Mitral (MVR)
4860	Status post - Valve surgery, Other, Mitral
4870	Status post - Norwood procedure
4880	Status post - HLHS biventricular repair
6755	Status post - Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neo-aorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
6160	Status post - Hybrid Approach "Stage 1", Application of RPA & LPA bands
6170	Status post - Hybrid Approach "Stage 1"

Field Annotation: v2.73

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Other Card-Congenital Procedure 1
Indicate the first of the three most significant congenital procedures.

dropdown	
10	PFO, Primary closure
20	ASD repair, Primary closure
30	ASD repair, Patch
40	ASD repair, Device
2110	ASD repair, Patch + PAPVC repair
50	ASD, Common atrium (single atrium), Septation
60	ASD creation/enlargement
70	ASD partial closure
80	Atrial septal fenestration
85	Atrial fenestration closure
100	VSD repair, Primary closure
110	VSD repair, Patch
120	VSD repair, Device
130	VSD, Multiple, Repair
140	VSD creation/enlargement
150	Ventricular septal fenestration
170	AVC (AVSD) repair, Complete (CAVSD)
180	AVC (AVSD) repair, Intermediate (Transitional)
190	AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
2300	Valvuloplasty, Common atrioventricular valve
2250	Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
2230	Valve replacement, Common atrioventricular valve
210	AP window repair
220	Pulmonary artery origin from ascending aorta (hemitruncus) repair
230	Truncus arteriosus repair

240	Valvuloplasty, Truncal valve
2290	Valvuloplasty converted to valve replacement in the same operation, Truncal valve
250	Valve replacement, Truncal valve
2220	Truncus + Interrupted aortic arch repair (IAA) repair
260	PAPVC repair
270	PAPVC, Scimitar, Repair
2120	PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
280	TAPVC repair
2200	TAPVC repair + Shunt - systemic-to-pulmonary
290	Cor triatriatum repair
300	Pulmonary venous stenosis repair
310	Atrial baffle procedure (non- Mustard, non-Senning)
330	Anomalous systemic venous connection repair
340	Systemic venous stenosis repair
350	TOF repair, No ventriculotomy
360	TOF repair, Ventriculotomy, Nontransanular patch
370	TOF repair, Ventriculotomy, Transanular patch
380	TOF repair, RV-PA conduit
390	TOF - AVC (AVSD) repair
400	TOF - Absent pulmonary valve repair
420	Pulmonary atresia - VSD (including TOF, PA) repair
2700	Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2710	Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])
2720	Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2730	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
2740	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
2750	Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
440	Unifocalization MAPCA(s)
450	Occlusion of MAPCA(s)

460	Valvuloplasty, Tricuspid
2280	Valvuloplasty converted to valve replacement in the same operation, Tricuspid
465	Ebstein's repair
470	Valve replacement, Tricuspid (TVR)
480	Valve closure, Tricuspid (exclusion, univentricular approach)
490	Valve excision, Tricuspid (without replacement)
500	Valve surgery, Other, Tricuspid
510	RVOT procedure
520	1 1/2 ventricular repair
530	PA, reconstruction (plasty), Main (trunk)
540	PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
550	PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
570	DCRV repair
590	Valvuloplasty, Pulmonic
2270	Valvuloplasty converted to valve replacement in the same operation, Pulmonic
600	Valve replacement, Pulmonic (PVR)
630	Valve excision, Pulmonary (without replacement)
640	Valve closure, Semilunar
650	Valve surgery, Other, Pulmonic
610	Conduit placement, RV to PA
620	Conduit placement, LV to PA
1774	Conduit placement, Ventricle to aorta
1772	Conduit placement, Other
580	Conduit reoperation
660	Valvuloplasty, Aortic
2240	Valvuloplasty converted to valve replacement in the same operation, Aortic
2310	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
2320	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross-Konno procedure
670	Valve replacement, Aortic (AVR)
680	Valve replacement, Aortic (AVR), Mechanical
690	Valve replacement, Aortic (AVR), Bioprosthetic
700	Valve replacement, Aortic (AVR), Homograft
715	Aortic root replacement, Bioprosthetic
720	Aortic root replacement, Mechanical
730	Aortic root replacement, Homograft
735	Aortic root replacement, Valve sparing
740	Ross procedure 750 Konno procedure

760	Ross-Konno procedure
770	Other annular enlargement procedure
780	Aortic stenosis, Subvalvar, Repair
2100	Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
790	Aortic stenosis, Supraaortic, Repair
800	Valve surgery, Other, Aortic
810	Sinus of Valsalva, Aneurysm repair
820	LV to aorta tunnel repair
830	Valvuloplasty, Mitral
2260	Valvuloplasty converted to valve replacement in the same operation, Mitral
840	Mitral stenosis, Supraaortic mitral ring repair
850	Valve replacement, Mitral (MVR)
860	Valve surgery, Other, Mitral
870	Norwood procedure
880	HLHS biventricular repair
2755	Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neo-aorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
2160	Hybrid Approach "Stage 1", Application of RPA & LPA bands
2170	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA)
2180	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA & LPA bands
2140	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Aortic arch repair (Norwood [Stage 1] + Superior Cavopulmonary anastomosis(es) + PA Debanding)
2150	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair
2760	Hybrid Approach, Transcatheter balloon dilation
2770	Hybrid Approach, Transcatheter device placement
890	Transplant, Heart
900	Transplant, Heart and lung
910	Partial left ventriculectomy (LV volume reduction surgery) (Batista)
920	Pericardial drainage procedure
930	Pericardiectomy
940	Pericardial procedure, Other
950	Fontan, Atrio-pulmonary connection
960	Fontan, Atrio-ventricular connection
970	Fontan, TCPC, Lateral tunnel, Fenestrated
980	Fontan, TCPC, Lateral tunnel, Nonfenestrated

1000	Fontan, TCPC, External conduit, Fenestrated
1010	Fontan, TCPC, External conduit, Nonfenestrated
2780	Fontan, TCPC, Intra/extracardiac conduit, Fenestrated
2790	Fontan, TCPC, Intra/extracardiac conduit, Nonfenestrated
3310	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Fenestrated
3320	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Nonfenestrated
1025	Fontan revision or conversion (Re-do Fontan)
1030	Fontan, Other
2340	Fontan + Atrioventricular valvuloplasty
1035	Ventricular septation
1050	Congenitally corrected TGA repair, Atrial switch and ASO (double switch)
1060	Congenitally corrected TGA repair, Atrial switch and Rastelli
1070	Congenitally corrected TGA repair, VSD closure
1080	Congenitally corrected TGA repair, VSD closure and LV to PA conduit
1090	Congenitally corrected TGA repair, Other
1110	Arterial switch operation (ASO)
1120	Arterial switch operation (ASO) and VSD repair
1123	Arterial switch procedure + Aortic arch repair
1125	Arterial switch procedure and VSD repair + Aortic arch repair
1130	Senning
1140	Mustard
1145	Atrial baffle procedure, Mustard or Senning revision
1150	Rastelli
1160	REV
2190	Aortic root translocation over left ventricle (Including Nikaidoh procedure)
2210	TGA, Other procedures (Kawashima, LV-PA conduit, other)
1180	DORV, Intraventricular tunnel repair
1200	DOLV repair
1210	Coarctation repair, End to end
1220	Coarctation repair, end, Extended
1230	Coarctation repair, flap
1240	Coarctation repair, Patch aortoplasty
1250	Coarctation repair, Interposition graft
1260	Coarctation repair, Other
1275	Coarctation repair + VSD repair
1280	Aortic arch repair
1285	Aortic arch repair + VSD repair
1290	Coronary artery fistula ligation

1291	Anomalous origin of coronary artery from pulmonary artery repair
1300	Coronary artery bypass
1305	Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
1310	Coronary artery procedure, Other
1320	Interrupted aortic arch repair
1330	PDA closure, Surgical
1340	PDA closure, Device
1360	Vascular ring repair
1365	Aortopexy
1370	Pulmonary artery sling repair
1380	Aortic aneurysm repair
1390	Aortic dissection repair
1400	Lung biopsy
1410	Transplant, lung(s)
1420	Lung procedure, Other
1440	Tracheal procedure
2800	Muscle flap, Trunk (i.e. intercostal, pectus, or serratus muscle)
2810	Muscle flap, Trunk (i.e. latissimus dorsi)
2820	Removal, Sternal wire
2830	Rib excision, Complete
2840	Rib excision, Partial
2850	Sternal fracture - open treatment
2860	Sternal resection, Radical resection of sternum
2870	Sternal resection, Radical resection of sternum with mediastinal lymphadenectomy
2880	Tumor of chest wall - Excision including ribs
2890	Tumor of chest wall - Excision including ribs, With reconstruction
2900	Tumor of soft tissue of thorax - Excision of deep subfascial or intramuscular tumor
2910	Tumor of soft tissue of thorax - Excision of subcutaneous tumor
2920	Tumor of soft tissue of thorax - Radical resection
2930	Hyoid myotomy and suspension
2940	Muscle flap, Neck
2950	Procedure on neck
2960	Tumor of soft tissue of neck - Excision of deep subfascial or intramuscular tumor
2970	Tumor of soft tissue of neck - Excision of subcutaneous tumor
2980	Tumor of soft tissue of neck - Radical resection
2990	Pectus bar removal
3000	Pectus bar repositioning
3010	Pectus repair, Minimally invasive repair (Nuss), With thoracoscopy
3020	Pectus repair, Minimally invasive repair (Nuss), Without thoracoscopy

3030	Pectus repair, Open repair
3040	Division of scalenus anticus, With resection of a cervical rib
3050	Division of scalenus anticus, Without resection of a cervical rib
3060	Rib excision, Excision of cervical rib
3070	Rib excision, Excision of cervical rib, With sympathectomy
3080	Rib excision, Excision of rib
3090	Rib excision, Excision of rib, With sympathectomy
3100	Procedure on thorax
1450	Pacemaker implantation, Permanent
1460	Pacemaker procedure
2350	Explantation of pacing system 1470 ICD (AICD) implantation
1480	ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
1490	Arrhythmia surgery - atrial, Surgical Ablation
1500	Arrhythmia surgery - ventricular, Surgical Ablation
2500	Cardiovascular catheterization procedure, Diagnostic
2520	Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
2550	Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
2540	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
2510	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
2530	Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
2410	Cardiovascular catheterization procedure, Therapeutic
2670	Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
1540	Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
2590	Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
1580	Cardiovascular catheterization procedure, Therapeutic, Coil implantation
1560	Cardiovascular catheterization procedure, Therapeutic, Device implantation
3110	Cardiovascular catheterization procedure, Therapeutic, Device implantation attempted
2690	Cardiovascular catheterization procedure, Therapeutic, Electrophysiological ablation.
3120	Cardiovascular catheterization procedure, Therapeutic, Intravascular foreign body removal
2640	Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)

2580	Cardiovascular catheterization procedure, Therapeutic, Septostomy
1550	Cardiovascular catheterization procedure, Therapeutic, Stent insertion
2630	Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
2650	Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion
2660	Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve
7777	Other Procedure

Field Annotation: v2.73

1460 ocarconproc2

Other Card-Congenital Procedure 2

Indicate the second of the three most significant congenital procedures.

dropdown

1	No other congenital procedures
10	PFO, Primary closure
20	ASD repair, Primary closure
30	ASD repair, Patch
40	ASD repair, Device
2110	ASD repair, Patch + PAPVC repair
50	ASD, Common atrium (single atrium), Septation
60	ASD creation/enlargement
70	ASD partial closure
80	Atrial septal fenestration
85	Atrial fenestration closure
100	VSD repair, Primary closure
110	VSD repair, Patch
120	VSD repair, Device
130	VSD, Multiple, Repair
140	VSD creation/enlargement
150	Ventricular septal fenestration
170	AVC (AVSD) repair, Complete (CAVSD)
180	AVC (AVSD) repair, Intermediate (Transitional)
190	AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
2300	Valvuloplasty, Common atrioventricular valve
2250	Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
2230	Valve replacement, Common atrioventricular valve
210	AP window repair
220	Pulmonary artery origin from ascending aorta (hemitruncus) repair
230	Truncus arteriosus repair
240	Valvuloplasty, Truncal valve
2290	Valvuloplasty converted to valve replacement in the same operation, Truncal valve

250	Valve replacement, Truncal valve
2220	Truncus + Interrupted aortic arch repair (IAA) repair
260	PAPVC repair
270	PAPVC, Scimitar, Repair
2120	PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
280	TAPVC repair
2200	TAPVC repair + Shunt - systemic-to-pulmonary
290	Cor triatriatum repair
300	Pulmonary venous stenosis repair
310	Atrial baffle procedure (non- Mustard, non-Senning)
330	Anomalous systemic venous connection repair
340	Systemic venous stenosis repair
350	TOF repair, No ventriculotomy
360	TOF repair, Ventriculotomy, Nontransanular patch
370	TOF repair, Ventriculotomy, Transanular patch
380	TOF repair, RV-PA conduit
390	TOF - AVC (AVSD) repair
400	TOF - Absent pulmonary valve repair
420	Pulmonary atresia - VSD (including TOF, PA) repair
2700	Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2710	Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])
2720	Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2730	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
2740	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
2750	Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
440	Unifocalization MAPCA(s)
450	Occlusion of MAPCA(s)
460	Valvuloplasty, Tricuspid
2280	Valvuloplasty converted to valve replacement in the same operation, Tricuspid

465	Ebstein's repair
470	Valve replacement, Tricuspid (TVR)
480	Valve closure, Tricuspid (exclusion, univentricular approach)
490	Valve excision, Tricuspid (without replacement)
500	Valve surgery, Other, Tricuspid
510	RVOT procedure
520	1 1/2 ventricular repair
530	PA, reconstruction (plasty), Main (trunk)
540	PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
550	PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
570	DCRV repair
590	Valvuloplasty, Pulmonic
2270	Valvuloplasty converted to valve replacement in the same operation, Pulmonic
600	Valve replacement, Pulmonic (PVR)
630	Valve excision, Pulmonary (without replacement)
640	Valve closure, Semilunar
650	Valve surgery, Other, Pulmonic
610	Conduit placement, RV to PA
620	Conduit placement, LV to PA
1774	Conduit placement, Ventricle to aorta
1772	Conduit placement, Other
580	Conduit reoperation
660	Valvuloplasty, Aortic
2240	Valvuloplasty converted to valve replacement in the same operation, Aortic
2310	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
2320	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross-Konno procedure
670	Valve replacement, Aortic (AVR)
680	Valve replacement, Aortic (AVR), Mechanical
690	Valve replacement, Aortic (AVR), Bioprosthetic
700	Valve replacement, Aortic (AVR), Homograft
715	Aortic root replacement, Bioprosthetic
720	Aortic root replacement, Mechanical
730	Aortic root replacement, Homograft
735	Aortic root replacement, Valve sparing
740	Ross procedure 750 Konno procedure
760	Ross-Konno procedure
770	Other annular enlargement procedure
780	Aortic stenosis, Subvalvar, Repair

2100	Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
790	Aortic stenosis, Supraaortic, Repair
800	Valve surgery, Other, Aortic
810	Sinus of Valsalva, Aneurysm repair
820	LV to aorta tunnel repair
830	Valvuloplasty, Mitral
2260	Valvuloplasty converted to valve replacement in the same operation, Mitral
840	Mitral stenosis, Supraaortic mitral ring repair
850	Valve replacement, Mitral (MVR)
860	Valve surgery, Other, Mitral
870	Norwood procedure
880	HLHS biventricular repair
2755	Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neo-aorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
2160	Hybrid Approach "Stage 1", Application of RPA & LPA bands
2170	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA)
2180	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA & LPA bands
2140	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Aortic arch repair (Norwood [Stage 1] + Superior Cavopulmonary anastomosis(es) + PA Debanding)
2150	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair
2760	Hybrid Approach, Transcatheter balloon dilation
2770	Hybrid Approach, Transcatheter device placement
890	Transplant, Heart
900	Transplant, Heart and lung
910	Partial left ventriculectomy (LV volume reduction surgery) (Batista)
920	Pericardial drainage procedure
930	Pericardiectomy
940	Pericardial procedure, Other
950	Fontan, Atrio-pulmonary connection
960	Fontan, Atrio-ventricular connection
970	Fontan, TCPC, Lateral tunnel, Fenestrated
980	Fontan, TCPC, Lateral tunnel, Nonfenestrated
1000	Fontan, TCPC, External conduit, Fenestrated
1010	Fontan, TCPC, External conduit, Nonfenestrated

2780	Fontan, TCPC, Intra/extracardiac conduit, Fenestrated
2790	Fontan, TCPC, Intra/extracardiac conduit, Nonfenestrated
3310	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Fenestrated
3320	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Nonfenestrated
1025	Fontan revision or conversion (Re-do Fontan)
1030	Fontan, Other
2340	Fontan + Atrioventricular valvuloplasty
1035	Ventricular septation
1050	Congenitally corrected TGA repair, Atrial switch and ASO (double switch)
1060	Congenitally corrected TGA repair, Atrial switch and Rastelli
1070	Congenitally corrected TGA repair, VSD closure
1080	Congenitally corrected TGA repair, VSD closure and LV to PA conduit
1090	Congenitally corrected TGA repair, Other
1110	Arterial switch operation (ASO)
1120	Arterial switch operation (ASO) and VSD repair
1123	Arterial switch procedure + Aortic arch repair
1125	Arterial switch procedure and VSD repair + Aortic arch repair
1130	Senning
1140	Mustard
1145	Atrial baffle procedure, Mustard or Senning revision
1150	Rastelli
1160	REV
2190	Aortic root translocation over left ventricle (Including Nikaidoh procedure)
2210	TGA, Other procedures (Kawashima, LV-PA conduit, other)
1180	DORV, Intraventricular tunnel repair
1200	DOLV repair
1210	Coarctation repair, End to end
1220	Coarctation repair, end, Extended
1230	Coarctation repair, flap
1240	Coarctation repair, Patch aortoplasty
1250	Coarctation repair, Interposition graft
1260	Coarctation repair, Other
1275	Coarctation repair + VSD repair
1280	Aortic arch repair
1285	Aortic arch repair + VSD repair
1290	Coronary artery fistula ligation
1291	Anomalous origin of coronary artery from pulmonary artery repair
1300	Coronary artery bypass

1305	Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
1310	Coronary artery procedure, Other
1320	Interrupted aortic arch repair
1330	PDA closure, Surgical
1340	PDA closure, Device
1360	Vascular ring repair
1365	Aortopexy
1370	Pulmonary artery sling repair
1380	Aortic aneurysm repair
1390	Aortic dissection repair
1400	Lung biopsy
1410	Transplant, lung(s)
1420	Lung procedure, Other
1440	Tracheal procedure
2800	Muscle flap, Trunk (i.e. intercostal, pectus, or serratus muscle)
2810	Muscle flap, Trunk (i.e. latissimus dorsi)
2820	Removal, Sternal wire
2830	Rib excision, Complete
2840	Rib excision, Partial
2850	Sternal fracture - open treatment
2860	Sternal resection, Radical resection of sternum
2870	Sternal resection, Radical resection of sternum with mediastinal lymphadenectomy
2880	Tumor of chest wall - Excision including ribs
2890	Tumor of chest wall - Excision including ribs, With reconstruction
2900	Tumor of soft tissue of thorax - Excision of deep subfascial or intramuscular tumor
2910	Tumor of soft tissue of thorax - Excision of subcutaneous tumor
2920	Tumor of soft tissue of thorax - Radical resection
2930	Hyoid myotomy and suspension
2940	Muscle flap, Neck
2950	Procedure on neck
2960	Tumor of soft tissue of neck - Excision of deep subfascial or intramuscular tumor
2970	Tumor of soft tissue of neck - Excision of subcutaneous tumor
2980	Tumor of soft tissue of neck - Radical resection
2990	Pectus bar removal
3000	Pectus bar repositioning
3010	Pectus repair, Minimally invasive repair (Nuss), With thoracoscopy
3020	Pectus repair, Minimally invasive repair (Nuss), Without thoracoscopy
3030	Pectus repair, Open repair
3040	Division of scalenus anticus, With resection of a cervical rib

3050	Division of scalenus anticus, Without resection of a cervical rib
3060	Rib excision, Excision of cervical rib
3070	Rib excision, Excision of cervical rib, With sympathectomy
3080	Rib excision, Excision of rib
3090	Rib excision, Excision of rib, With sympathectomy
3100	Procedure on thorax
1450	Pacemaker implantation, Permanent
1460	Pacemaker procedure
2350	Explantation of pacing system 1470 ICD (AICD) implantation
1480	ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
1490	Arrhythmia surgery - atrial, Surgical Ablation
1500	Arrhythmia surgery - ventricular, Surgical Ablation
2500	Cardiovascular catheterization procedure, Diagnostic
2520	Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
2550	Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
2540	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
2510	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
2530	Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
2410	Cardiovascular catheterization procedure, Therapeutic
2670	Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
1540	Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
2590	Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
1580	Cardiovascular catheterization procedure, Therapeutic, Coil implantation
1560	Cardiovascular catheterization procedure, Therapeutic, Device implantation
3110	Cardiovascular catheterization procedure, Therapeutic, Device implantation attempted
2690	Cardiovascular catheterization procedure, Therapeutic, Electrophysiological ablation.
3120	Cardiovascular catheterization procedure, Therapeutic, Intravascular foreign body removal
2640	Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)
2580	Cardiovascular catheterization procedure, Therapeutic, Septostomy
1550	Cardiovascular catheterization procedure, Therapeutic, Stent insertion

2630	Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
2650	Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion
2660	Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve

Field Annotation: v2.73

1461 ocarcongproc3

Other Card-Congenital Procedure 3
Indicate the third of the three most significant congenital procedures.

dropdown	
1	No other congenital procedures
10	PFO, Primary closure
20	ASD repair, Primary closure
30	ASD repair, Patch
40	ASD repair, Device
2110	ASD repair, Patch + PAPVC repair
50	ASD, Common atrium (single atrium), Septation
60	ASD creation/enlargement
70	ASD partial closure
80	Atrial septal fenestration
85	Atrial fenestration closure
100	VSD repair, Primary closure
110	VSD repair, Patch
120	VSD repair, Device
130	VSD, Multiple, Repair
140	VSD creation/enlargement
150	Ventricular septal fenestration
170	AVC (AVSD) repair, Complete (CAVSD)
180	AVC (AVSD) repair, Intermediate (Transitional)
190	AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
2300	Valvuloplasty, Common atrioventricular valve
2250	Valvuloplasty converted to valve replacement in the same operation, Common atrioventricular valve
2230	Valve replacement, Common atrioventricular valve
210	AP window repair
220	Pulmonary artery origin from ascending aorta (hemitruncus) repair
230	Truncus arteriosus repair
240	Valvuloplasty, Truncal valve
2290	Valvuloplasty converted to valve replacement in the same operation, Truncal valve
250	Valve replacement, Truncal valve
2220	Truncus + Interrupted aortic arch repair (IAA) repair
260	PAPVC repair
270	PAPVC, Scimitar, Repair

2120	PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
280	TAPVC repair
2200	TAPVC repair + Shunt - systemic-to-pulmonary
290	Cor triatriatum repair
300	Pulmonary venous stenosis repair
310	Atrial baffle procedure (non- Mustard, non-Senning)
330	Anomalous systemic venous connection repair
340	Systemic venous stenosis repair
350	TOF repair, No ventriculotomy
360	TOF repair, Ventriculotomy, Nontransanular patch
370	TOF repair, Ventriculotomy, Transanular patch
380	TOF repair, RV-PA conduit
390	TOF - AVC (AVSD) repair
400	TOF - Absent pulmonary valve repair
420	Pulmonary atresia - VSD (including TOF, PA) repair
2700	Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1-stage that includes bilateral pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2710	Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])
2720	Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])
2730	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Complete unifocalization (all usable MAPCA[s] are incorporated)
2740	Unifocalization MAPCA(s), Bilateral pulmonary unifocalization - Incomplete unifocalization (not all usable MAPCA[s] are incorporated)
2750	Unifocalization MAPCA(s), Unilateral pulmonary unifocalization
440	Unifocalization MAPCA(s)
450	Occlusion of MAPCA(s)
460	Valvuloplasty, Tricuspid
2280	Valvuloplasty converted to valve replacement in the same operation, Tricuspid
465	Ebstein's repair
470	Valve replacement, Tricuspid (TVR)
480	Valve closure, Tricuspid (exclusion, univentricular approach)

490	Valve excision, Tricuspid (without replacement)
500	Valve surgery, Other, Tricuspid
510	RVOT procedure
520	1 1/2 ventricular repair
530	PA, reconstruction (plasty), Main (trunk)
540	PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
550	PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
570	DCRV repair
590	Valvuloplasty, Pulmonic
2270	Valvuloplasty converted to valve replacement in the same operation, Pulmonic
600	Valve replacement, Pulmonic (PVR)
630	Valve excision, Pulmonary (without replacement)
640	Valve closure, Semilunar
650	Valve surgery, Other, Pulmonic
610	Conduit placement, RV to PA
620	Conduit placement, LV to PA
1774	Conduit placement, Ventricle to aorta
1772	Conduit placement, Other
580	Conduit reoperation
660	Valvuloplasty, Aortic
2240	Valvuloplasty converted to valve replacement in the same operation, Aortic
2310	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross procedure
2320	Valvuloplasty converted to valve replacement in the same operation, Aortic - with Ross-Konno procedure
670	Valve replacement, Aortic (AVR)
680	Valve replacement, Aortic (AVR), Mechanical
690	Valve replacement, Aortic (AVR), Bioprosthetic
700	Valve replacement, Aortic (AVR), Homograft
715	Aortic root replacement, Bioprosthetic
720	Aortic root replacement, Mechanical
730	Aortic root replacement, Homograft
735	Aortic root replacement, Valve sparing
740	Ross procedure 750 Konno procedure
760	Ross-Konno procedure
770	Other annular enlargement procedure
780	Aortic stenosis, Subvalvar, Repair
2100	Aortic stenosis, Subvalvar, Repair, With myectomy for IHSS
790	Aortic stenosis, Supraaortic, Repair
800	Valve surgery, Other, Aortic
810	Sinus of Valsalva, Aneurysm repair

820	LV to aorta tunnel repair
830	Valvuloplasty, Mitral
2260	Valvuloplasty converted to valve replacement in the same operation, Mitral
840	Mitral stenosis, Supraaortic mitral ring repair
850	Valve replacement, Mitral (MVR)
860	Valve surgery, Other, Mitral
870	Norwood procedure
880	HLHS biventricular repair
2755	Conduit insertion right ventricle to pulmonary artery + Intraventricular tunnel left ventricle to neoaorta + Arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
2160	Hybrid Approach "Stage 1", Application of RPA & LPA bands
2170	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA)
2180	Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA & LPA bands
2140	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Aortic arch repair (Norwood [Stage 1] + Superior Cavopulmonary anastomosis(es) + PA Debanding)
2150	Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair
2760	Hybrid Approach, Transcatheter balloon dilation
2770	Hybrid Approach, Transcatheter device placement
890	Transplant, Heart
900	Transplant, Heart and lung
910	Partial left ventriculectomy (LV volume reduction surgery) (Batista)
920	Pericardial drainage procedure
930	Pericardiectomy
940	Pericardial procedure, Other
950	Fontan, Atrio-pulmonary connection
960	Fontan, Atrio-ventricular connection
970	Fontan, TCPC, Lateral tunnel, Fenestrated
980	Fontan, TCPC, Lateral tunnel, Nonfenestrated
1000	Fontan, TCPC, External conduit, Fenestrated
1010	Fontan, TCPC, External conduit, Nonfenestrated
2780	Fontan, TCPC, Intra/extracardiac conduit, Fenestrated
2790	Fontan, TCPC, Intra/extracardiac conduit, Nonfenestrated
3310	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Fenestrated

3320	Fontan, TCPC, External conduit, hepatic veins to pulmonary artery, Nonfenestrated
1025	Fontan revision or conversion (Re-do Fontan)
1030	Fontan, Other
2340	Fontan + Atrioventricular valvuloplasty
1035	Ventricular septation
1050	Congenitally corrected TGA repair, Atrial switch and ASO (double switch)
1060	Congenitally corrected TGA repair, Atrial switch and Rastelli
1070	Congenitally corrected TGA repair, VSD closure
1080	Congenitally corrected TGA repair, VSD closure and LV to PA conduit
1090	Congenitally corrected TGA repair, Other
1110	Arterial switch operation (ASO)
1120	Arterial switch operation (ASO) and VSD repair
1123	Arterial switch procedure + Aortic arch repair
1125	Arterial switch procedure and VSD repair + Aortic arch repair
1130	Senning
1140	Mustard
1145	Atrial baffle procedure, Mustard or Senning revision
1150	Rastelli
1160	REV
2190	Aortic root translocation over left ventricle (Including Nikaidoh procedure)
2210	TGA, Other procedures (Kawashima, LV-PA conduit, other)
1180	DORV, Intraventricular tunnel repair
1200	DOLV repair
1210	Coarctation repair, End to end
1220	Coarctation repair, end, Extended
1230	Coarctation repair, flap
1240	Coarctation repair, Patch aortoplasty
1250	Coarctation repair, Interposition graft
1260	Coarctation repair, Other
1275	Coarctation repair + VSD repair
1280	Aortic arch repair
1285	Aortic arch repair + VSD repair
1290	Coronary artery fistula ligation
1291	Anomalous origin of coronary artery from pulmonary artery repair
1300	Coronary artery bypass
1305	Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
1310	Coronary artery procedure, Other
1320	Interrupted aortic arch repair
1330	PDA closure, Surgical
1340	PDA closure, Device

1360	Vascular ring repair
1365	Aortopexy
1370	Pulmonary artery sling repair
1380	Aortic aneurysm repair
1390	Aortic dissection repair
1400	Lung biopsy
1410	Transplant, lung(s)
1420	Lung procedure, Other
1440	Tracheal procedure
2800	Muscle flap, Trunk (i.e. intercostal, pectus, or serratus muscle)
2810	Muscle flap, Trunk (i.e. latissimus dorsi)
2820	Removal, Sternal wire
2830	Rib excision, Complete
2840	Rib excision, Partial
2850	Sternal fracture - open treatment
2860	Sternal resection, Radical resection of sternum
2870	Sternal resection, Radical resection of sternum with mediastinal lymphadenectomy
2880	Tumor of chest wall - Excision including ribs
2890	Tumor of chest wall - Excision including ribs, With reconstruction
2900	Tumor of soft tissue of thorax - Excision of deep subfascial or intramuscular tumor
2910	Tumor of soft tissue of thorax - Excision of subcutaneous tumor
2920	Tumor of soft tissue of thorax - Radical resection
2930	Hyoid myotomy and suspension
2940	Muscle flap, Neck
2950	Procedure on neck
2960	Tumor of soft tissue of neck - Excision of deep subfascial or intramuscular tumor
2970	Tumor of soft tissue of neck - Excision of subcutaneous tumor
2980	Tumor of soft tissue of neck - Radical resection
2990	Pectus bar removal
3000	Pectus bar repositioning
3010	Pectus repair, Minimally invasive repair (Nuss), With thoracoscopy
3020	Pectus repair, Minimally invasive repair (Nuss), Without thoracoscopy
3030	Pectus repair, Open repair
3040	Division of scalenus anticus, With resection of a cervical rib
3050	Division of scalenus anticus, Without resection of a cervical rib
3060	Rib excision, Excision of cervical rib
3070	Rib excision, Excision of cervical rib, With sympathectomy
3080	Rib excision, Excision of rib

3090	Rib excision, Excision of rib, With sympathectomy
3100	Procedure on thorax
1450	Pacemaker implantation, Permanent
1460	Pacemaker procedure
2350	Explantation of pacing system 1470 ICD (AICD) implantation
1480	ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
1490	Arrhythmia surgery - atrial, Surgical Ablation
1500	Arrhythmia surgery - ventricular, Surgical Ablation
2500	Cardiovascular catheterization procedure, Diagnostic
2520	Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
2550	Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
2540	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
2510	Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
2530	Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
2410	Cardiovascular catheterization procedure, Therapeutic
2670	Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
1540	Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
2590	Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
1580	Cardiovascular catheterization procedure, Therapeutic, Coil implantation
1560	Cardiovascular catheterization procedure, Therapeutic, Device implantation
3110	Cardiovascular catheterization procedure, Therapeutic, Device implantation attempted
2690	Cardiovascular catheterization procedure, Therapeutic, Electrophysiological ablation.
3120	Cardiovascular catheterization procedure, Therapeutic, Intravascular foreign body removal
2640	Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)
2580	Cardiovascular catheterization procedure, Therapeutic, Septostomy
1550	Cardiovascular catheterization procedure, Therapeutic, Stent insertion
2630	Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
2650	Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion

			<table border="1"> <tr> <td>2660</td> <td>Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve</td> </tr> </table> <p>Field Annotation: v2.73</p>	2660	Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve								
2660	Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve												
1462	onccaren	<p>Section Header: Other Non-Cardiac Procedures</p> <p>Other Non Card-Caro Endart <i>Indicate whether the patient underwent surgical removal of stenotic atheromatous plaque or percutaneous/surgical placement of carotid stent in conjunction with the primary surgical procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	1	Yes	2	No
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
1	Yes												
2	No												
1463	oncovasc	<p>Other Non Card-Other Vasc <i>Indicate whether patient had procedures treating peripheral vascular disease or condition in conjunction with the primary surgical procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	1	Yes	2	No
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
1	Yes												
2	No												
1464	oncothor	<p>Other Non Card-Other Thor <i>Indicate whether patient underwent procedures involving Thorax/Pleura in conjunction with the primary surgical procedure. This includes but is not limited to open lung biopsy, lung resection, mediastinal mass and/or lung dissection.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	1	Yes	2	No
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
1	Yes												
2	No												
1465	oncother	<p>Other Non Card-Other <i>Indicate whether the patient had any other non-cardiac procedure performed in conjunction with the primary surgical procedure that is not included within this section.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, planned</td></tr> <tr><td>4</td><td>Yes, unplanned due to surgical complication</td></tr> <tr><td>5</td><td>Yes, unplanned due to unsuspected disease or anatomy</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.52.1</p>	3	Yes, planned	4	Yes, unplanned due to surgical complication	5	Yes, unplanned due to unsuspected disease or anatomy	1	Yes	2	No
3	Yes, planned												
4	Yes, unplanned due to surgical complication												
5	Yes, unplanned due to unsuspected disease or anatomy												
1	Yes												
2	No												
1466	congenital_defect_other_non_cardiac_repair_complete	<p>Section Header: Form Status</p> <p>Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete				
0	Incomplete												
1	Unverified												
2	Complete												
Instrument: Postoperative (postoperative)			^ Collapse										
1467	postoppeakglu	<p>Postoperative Peak Glucose <i>Indicate the postoperative peak glucose measured within 18-24 hours of anesthesia end time.</i></p>	<p>text</p> <p>Field Annotation: v2.81 SeqNo. 6550</p>										
1468	postcreat	<p>Postoperative Creatinine Level <i>Indicate the postoperative Creatinine level. If more than one level is obtained, code the highest level.</i></p>	<p>text</p> <p>Field Annotation: v2.61</p>										
1469	postophemoglobin	<p>Postoperative Hemoglobin <i>Indicate the postoperative hemoglobin closest to discharge</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 6556</p>										

1470	postophct	Postoperative Hematocrit <i>Indicate the postoperative hematocrit closest to discharge</i>	text Field Annotation: v2.9 SeqNo. 6557						
1471	bldprod	Blood Prod <i>Indicate whether blood products were transfused any time postoperatively. Postoperatively is defined as any blood started after the initial surgery. Include blood transfused after the initial surgery, including any blood transfused during a reoperative surgery.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: all versions	1	Yes	2	No		
1	Yes								
2	No								
1472	bdrbcu	Blood Prod - RBC Units <i>Indicate the number of units of packed red blood cells that were transfused any time postoperatively. Do not include autologous, cell-saver or chest tube recirculated blood.</i>	text Field Annotation: v2.52.1						
1473	bdffpu	Blood Prod - FFP Units <i>Indicate the number of units of fresh frozen plasma that were transfused any time postoperatively.</i>	text Field Annotation: v2.52.1						
1474	bdcryou	Blood Prod - Cryo Units <i>Indicate the number of units of cryoprecipitate that were transfused postoperatively. One bag of cryo = one unit. The number of units is not volume dependent.</i>	text Field Annotation: v2.52.1						
1475	bdplatu	Blood Prod - Platelet Units <i>Indicate the number of units of platelets that were transfused postoperatively. Count the dose pack as one unit. A dose pack may consist of 4, 6, 8, 10, or any number of donor platelets obtained. The number of units coded is not volume dependent.</i>	text Field Annotation: v2.52.1						
1476	reintub	Re-intubated During Hospital Stay(retired v2.81) <i>Indicate whether the patient was reintubated during the hospital stay after the initial extubation. This may include patients who have been extubated in the OR and require intubation in the postoperative period.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6590	1	Yes	2	No		
1	Yes								
2	No								
1477	extubor	Extubated In OR <i>Indicate whether the patient was extubated prior to leaving the operating room during the initial surgery. If patient expires in the operating room during the initial surgery, answer 'Yes'.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>N/A</td> </tr> </table> Field Annotation: v2.52.1	1	Yes	2	No	3	N/A
1	Yes								
2	No								
3	N/A								
1478	postopintub	Postop Intubation/Reintubation During Hospital Stay <i>Indicate whether the patient was intubated for the first time after leaving the OR from the initial procedure, or re-intubated during the hospital stay after the initial extubation.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 6591	1	Yes	2	No		
1	Yes								
2	No								
1479	venthrsa	Additional Hours Ventilated <i>Indicate how many additional hours the patient was on ventilator after initial extubation.</i>	text Field Annotation: v2.41						
1480	venthrstot	Total Postoperative Ventilation Hours <i>Calculated variable measuring OR exit time to extubation time plus any additional hours due to reintubation.</i>	text Field Annotation: v2.81 SeqNo. 6600						
1481	icuvist	ICU Visit <i>Indicate whether the patient received ICU level of care immediately following the initial surgery. Include ICU unit, post-anesthesia recovery, and other similar critical care environments.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.52.1	1	Yes	2	No		
1	Yes								
2	No								
1482	icuinhrs	Initial ICU hours <i>Indicate the number of hours the patient received ICU level of care immediately following the initial surgery until the time of actual transfer out of ICU. Include ICU unit, post-anesthesia recovery, and other similar critical care environments. For those sites providing postop ICU level of care in one single stay unit (admission to ICU to hospital discharge), document the number of hours immediately following the initial surgery until a physician order is written to change the level of care provided.</i>	text Field Annotation: v2.41						

1483	icureadm	<p>Readmission to ICU <i>Indicate whether the patient spent time in an ICU after having been transferred to a step-down unit (lower level care). Specific situations are described below: OR -> ICU -> OR -> ICU = No OR -> ICU -> STEP DOWN -> ICU = Yes OR -> STEP DOWN -> ICU = Yes Single care unit: Code ICU readmission when the level of care increases and is noted in the physician order.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.41</p>	1	Yes	2	No								
1	Yes														
2	No														
1484	icuahrs	<p>Additional ICU Hours <i>Indicate the number of additional hours spent in the ICU, or at the equivalent higher level of care in single stay units.</i></p>	<p>text</p> <p>Field Annotation: v2.41</p>												
1485	tothricu	<p>Total Hrs ICU(retired v2.61) <i>Indicate the total number of hours post operation for which the patient was in the ICU. Leave blank if the patient expired in the OR during the initial surgery. Enter zero (0) if patient was never in post- anesthesia recovery or other similar critical care environment.</i></p>	<p>text</p> <p>Field Annotation: v2.61</p>												
1486	popimagsty	<p>Postop Imaging Study(retired v2.81) <i>Indicate the post procedure imaging study findings, if performed.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Not performed</td> </tr> <tr> <td>2</td> <td>Angiographic evidence of new thrombosis or occlusion of graft or native coronary</td> </tr> <tr> <td>3</td> <td>Imaging evidence of new loss of viable myocardium</td> </tr> <tr> <td>4</td> <td>No evidence of new myocardial injury</td> </tr> <tr> <td>5</td> <td>Other</td> </tr> </table> <p>Field Annotation: v2.81 SeqNo. 6685</p>	1	Not performed	2	Angiographic evidence of new thrombosis or occlusion of graft or native coronary	3	Imaging evidence of new loss of viable myocardium	4	No evidence of new myocardial injury	5	Other		
1	Not performed														
2	Angiographic evidence of new thrombosis or occlusion of graft or native coronary														
3	Imaging evidence of new loss of viable myocardium														
4	No evidence of new myocardial injury														
5	Other														
1487	popttech	<p>Postop Echo <i>Indicate whether an echo was performed postoperatively to evaluate valvular function prior to discharge.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1488	popttar	<p>Postop Echo Aortic Insufficiency <i>Indicate the level of aortic insufficiency/regurgitation found on post op echo closest to discharge. Mild-to-moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>None</td> </tr> <tr> <td>2</td> <td>Trivial/Trace</td> </tr> <tr> <td>3</td> <td>Mild</td> </tr> <tr> <td>4</td> <td>Moderate</td> </tr> <tr> <td>5</td> <td>Severe</td> </tr> <tr> <td>6</td> <td>Not documented</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
1489	popaortparalk	<p>Postop Echo Aortic Paravalvular Leak <i>Indicate the level of aortic paravalvular leak found on post op echo closest to discharge. Mild-to- moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>None</td> </tr> <tr> <td>2</td> <td>Trivial/Trace</td> </tr> <tr> <td>3</td> <td>Mild</td> </tr> <tr> <td>4</td> <td>Moderate</td> </tr> <tr> <td>5</td> <td>Severe</td> </tr> <tr> <td>6</td> <td>Not documented</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 6631</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
1490	popttmr	<p>Postop Echo Mitral Insufficiency <i>Indicate the level of mitral insufficiency/regurgitation found on post op echo closest to discharge. Mild-to-moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr> <td>1</td> <td>None</td> </tr> <tr> <td>2</td> <td>Trivial/Trace</td> </tr> <tr> <td>3</td> <td>Mild</td> </tr> <tr> <td>4</td> <td>Moderate</td> </tr> <tr> <td>5</td> <td>Severe</td> </tr> <tr> <td>6</td> <td>Not documented</td> </tr> </table> <p>Field Annotation: v2.73</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														

1491	popmitparalk	<p>Postop Echo Mitral Paravalvular leak</p> <p><i>Indicate the level of mitral paravalvular leak found on post op echo closest to discharge. Mild-to- moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 6636</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
1492	poptttr	<p>Postop Echo Tricuspid Insufficiency</p> <p><i>Indicate the level of tricuspid insufficiency/ regurgitation found on post op echo closest to discharge. Mild-to-moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.73</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
1493	popptpu	<p>Postop Echo Pulmonic Insufficiency</p> <p><i>Indicate the level of pulmonic insufficiency/ regurgitation found on post op echo closest to discharge. Mild-to-moderate should be coded as moderate; moderate to severe should be coded as severe.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trivial/Trace</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not documented</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 6645</p>	1	None	2	Trivial/Trace	3	Mild	4	Moderate	5	Severe	6	Not documented
1	None														
2	Trivial/Trace														
3	Mild														
4	Moderate														
5	Severe														
6	Not documented														
1494	popefd	<p>Postop EF Done</p> <p><i>Indicate whether the Ejection Fraction was measured postoperatively.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1495	popfef	<p>Postop EF</p> <p><i>Indicate the percentage of the blood emptied from the left ventricle at the end of the contraction measured postoperatively. Enter a percentage in the range of 1 - 99. If a percentage range is reported, report a whole number using the 'mean' (i.e., 50-55%, is reported as 53%). Values reported as: • Hyperdynamic: >70% • Normal: 50%-70% (midpoint 60%) • Mild dysfunction: 40%-49% (midpoint 45%) • Moderate dysfunction: 30%-39% (midpoint 35%) • Severe dysfunction: < 30%</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>												
1496	popenzdrawn	<p>Postop Cardiac Enzymes Drawn</p> <p><i>Indicate whether Cardiac Enzymes (biomarkers) were drawn post procedure.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No								
1	Yes														
2	No														
1497	poppkckmb	<p>Postop Peak CKMB</p> <p><i>Indicate the peak CKMB (highest level post procedure).</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>												
1498	poppktri	<p>Postop Peak Troponin I</p> <p><i>Indicate the peak Troponin I (highest level post procedure).</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>												
1499	poppktrt	<p>Postop Peak Troponin T</p> <p><i>Indicate the peak Troponin T (highest level post procedure).</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>												

1500	popek	<p>Postop 12 Lead EKG <i>Indicate the post procedure 12 lead EKG findings, if performed.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Not Performed</td></tr> <tr><td>2</td><td>No ischemic changes</td></tr> <tr><td>4</td><td>New ST changes</td></tr> <tr><td>3</td><td>New Pathological Q-Wave or LBBB</td></tr> <tr><td>8</td><td>New RBBB</td></tr> <tr><td>9</td><td>New AV Conduction Block</td></tr> <tr><td>5</td><td>New STEMI</td></tr> <tr><td>6</td><td>Other</td></tr> <tr><td>7</td><td>NA (no pre-op EKG for comparison, transplant)</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Not Performed	2	No ischemic changes	4	New ST changes	3	New Pathological Q-Wave or LBBB	8	New RBBB	9	New AV Conduction Block	5	New STEMI	6	Other	7	NA (no pre-op EKG for comparison, transplant)
1	Not Performed																				
2	No ischemic changes																				
4	New ST changes																				
3	New Pathological Q-Wave or LBBB																				
8	New RBBB																				
9	New AV Conduction Block																				
5	New STEMI																				
6	Other																				
7	NA (no pre-op EKG for comparison, transplant)																				
1501	postoperative_complete	<p>Section Header: <i>Form Status</i> Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				
<p>Instrument: Postoperative Events (postoperative_events) ^ Collapse</p>																					
1502	sursinf	<p>Post-Op-Surgical Site Infection <i>Indicate whether a surgical site infection (SSI) was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery. Refer to the most current CDC definition for SSI which can be found in the training manual.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No														
1	Yes																				
2	No																				
1503	costernalupinf	<p>Post-Op-Sternal-Superficial Wound Infection <i>Indicate whether a superficial sternal wound infection was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, within 30 days of procedure</td></tr> <tr><td>4</td><td>Yes, >30 days after procedure but during hospitalization for surgery</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	3	Yes, within 30 days of procedure	4	Yes, >30 days after procedure but during hospitalization for surgery	1	Yes	2	No										
3	Yes, within 30 days of procedure																				
4	Yes, >30 days after procedure but during hospitalization for surgery																				
1	Yes																				
2	No																				
1504	deepsterninf	<p>Post-Op-Deep Sternal Infection / Mediastinitis <i>Indicate whether a deep sternal wound infection or mediastinitis was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, within 30 days of procedure</td></tr> <tr><td>4</td><td>Yes, >30 days after procedure but during hospitalization for surgery</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 6700</p>	3	Yes, within 30 days of procedure	4	Yes, >30 days after procedure but during hospitalization for surgery	1	Yes	2	No										
3	Yes, within 30 days of procedure																				
4	Yes, >30 days after procedure but during hospitalization for surgery																				
1	Yes																				
2	No																				
1505	deepsterninfdt_deid	<p>Post-Op-Deep Sternal Infection / Mediastinitis - Date <i>Indicate the first date that deep sternal wound infection or mediastinitis was documented.</i></p>	<p>text (date_mdy) Field Annotation: v2.81 SeqNo. 6705</p>																		
1506	cithor	<p>Post-Op-Infect-Thoracotomy <i>Indicate whether a surgical site infection involving a thoracotomy or parasternal site was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>3</td><td>Yes, within 30 days of procedure</td></tr> <tr><td>4</td><td>Yes, >30 days after procedure but during hospitalization for surgery</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	3	Yes, within 30 days of procedure	4	Yes, >30 days after procedure but during hospitalization for surgery	1	Yes	2	No										
3	Yes, within 30 days of procedure																				
4	Yes, >30 days after procedure but during hospitalization for surgery																				
1	Yes																				
2	No																				

1507	conduitharv	Post-Op-Conduit Harvest <i>Indicate whether a surgical site infection involving a conduit harvest site was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery.</i>	dropdown <table border="1"> <tr> <td>3</td> <td>Yes, within 30 days of procedure</td> </tr> <tr> <td>4</td> <td>Yes, >30 days after procedure but during hospitalization for surgery</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6715	3	Yes, within 30 days of procedure	4	Yes, >30 days after procedure but during hospitalization for surgery	1	Yes	2	No
3	Yes, within 30 days of procedure										
4	Yes, >30 days after procedure but during hospitalization for surgery										
1	Yes										
2	No										
1508	cansite	Post-Op-Cannulation Site <i>Indicate whether a surgical site infection involving a cannulation site was diagnosed within 30 days of the procedure or any time during the hospitalization for surgery.</i>	dropdown <table border="1"> <tr> <td>3</td> <td>Yes, within 30 days of procedure</td> </tr> <tr> <td>4</td> <td>Yes, >30 days after procedure but during hospitalization for surgery</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6720	3	Yes, within 30 days of procedure	4	Yes, >30 days after procedure but during hospitalization for surgery	1	Yes	2	No
3	Yes, within 30 days of procedure										
4	Yes, >30 days after procedure but during hospitalization for surgery										
1	Yes										
2	No										
1509	woundinter	Post-Op-Wound Intervention / Procedure <i>Indicate whether a wound intervention or procedure was performed.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6725	1	Yes	2	No				
1	Yes										
2	No										
1510	coppermi	Comps-Op-Perioperative MI(retired v2.61) <i>(0-24 hours post-op) Indicate the presence of a peri-operative MI (0-24 hours post-op) as documented by the following criteria: The CK-MB (or CK if MB not available) must be greater than or equal to 5 times the upper limit of normal, with or without new Q waves present in two or more contiguous ECG leads. No symptoms required. (> 24 hours post-op) Indicate the presence of a peri-operative MI (> 24 hours post-op) as documented by at least one of the following criteria: 1. Evolutionary ST- segment elevations 2. Development of new Q- waves in two or more contiguous ECG leads 3. New or presumably new LBBB pattern on the ECG 4. The CK-MB (or CK if MB not available) must be greater than or equal to 3 times the upper limit of normal Because normal limits of certain blood tests may vary, please check with your lab for normal limits for CK-MB and total CK. Defining Reference Control Values (Upper Limit of Normal): Reference values must be determined in each laboratory by studies using specific assays with appropriate quality control, as reported in peer- reviewed journals. Acceptable imprecision (coefficient of variation) at the 99th percentile for each assay should be defined as < or = to 10%. Each individual laboratory should confirm the range of reference values in their specific setting. _____ This element should not be coded as an adverse event for evolving MI's unless their enzymes peak, fall, then have a second peak.</i>	dropdown <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.61	1	Yes	2	No				
1	Yes										
2	No										
1511	woundintopen	Post-Op-Wound Intervention - Open With Packing / Irrigation <i>Indicate whether wound intervention(s) involved opening the wound and packing and/or irrigation.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes, primary incision</td> </tr> <tr> <td>2</td> <td>Yes, secondary incision</td> </tr> <tr> <td>3</td> <td>Both</td> </tr> <tr> <td>4</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6730	1	Yes, primary incision	2	Yes, secondary incision	3	Both	4	No
1	Yes, primary incision										
2	Yes, secondary incision										
3	Both										
4	No										
1512	woundintvac	Post-Op-Wound Intervention - Wound Vac <i>Indicate whether wound intervention(s) included application of a wound vac.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes, primary incision</td> </tr> <tr> <td>2</td> <td>Yes, secondary incision</td> </tr> <tr> <td>3</td> <td>Both</td> </tr> <tr> <td>4</td> <td>No</td> </tr> </table> Field Annotation: v2.81 SeqNo. 6735	1	Yes, primary incision	2	Yes, secondary incision	3	Both	4	No
1	Yes, primary incision										
2	Yes, secondary incision										
3	Both										
4	No										

1513	woundintmuscle	Post-Op-Wound Intervention - Secondary Procedure Muscle Flap <i>Indicate whether wound intervention(s) included a secondary procedure involving a muscle flap.</i>	radio <table border="1"> <tr><td>1</td><td>Yes, primary incision</td></tr> <tr><td>2</td><td>Yes, secondary incision</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 6740	1	Yes, primary incision	2	Yes, secondary incision	3	Both	4	No
1	Yes, primary incision										
2	Yes, secondary incision										
3	Both										
4	No										
1514	woundintomental	Post-Op-Wound Intervention - Secondary Procedure Omental Flap <i>Indicate whether wound intervention(s) included a secondary procedure involving an Omental flap.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 6745	1	Yes	2	No				
1	Yes										
2	No										
1515	complics	In Hospital Post-Op Events <i>Indicate whether a postoperative event occurred during the hospitalization for surgery. This includes the entire postoperative period up to discharge, even if over 30 days.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1516	coprebld	Post-Op-ReOp Bleed <i>Indicate whether the patient was reexplored for mediastinal bleeding with or without tamponade either in the ICU or returned to the operating room.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1517	coprebldtim	Post-Op-ReOp Bleed Timing <i>Indicate when reoperation for bleeding took place.</i>	radio <table border="1"> <tr><td>1</td><td>Acute</td></tr> <tr><td>2</td><td>Late</td></tr> </table> Field Annotation: v2.73	1	Acute	2	Late				
1	Acute										
2	Late										
1518	coprevlv	Post-Op-ReOp Vlv Dys <i>Indicate whether the patient returned to the operating room for prosthetic or native valve dysfunction. Dysfunction may be structural and/or non-structural failure. Dysfunction may be of prosthesis, a progressive native disease process, or an acute event process that disrupts valve function and creates either clinical compromising insufficiency/regurgitation or valve orifice narrowing.</i>	radio <table border="1"> <tr><td>3</td><td>Yes, surgical</td></tr> <tr><td>4</td><td>Yes, transcatheter</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	3	Yes, surgical	4	Yes, transcatheter	1	Yes	2	No
3	Yes, surgical										
4	Yes, transcatheter										
1	Yes										
2	No										
1519	creintmi	Post-Op-Reintervention-Myocardial Ischemia <i>Indicate whether the patient required postoperative reintervention for Myocardial Ischemia.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6771	1	Yes	2	No				
1	Yes										
2	No										
1520	creintmives	Post-Op-Reintervention-Myocardial Ischemia-Vessel <i>Indicate the type of vessels that required postoperative reintervention for Myocardial Ischemia.</i>	radio <table border="1"> <tr><td>1</td><td>Native coronary</td></tr> <tr><td>2</td><td>Graft</td></tr> <tr><td>3</td><td>Both</td></tr> </table> Field Annotation: v2.9 SeqNo. 6772	1	Native coronary	2	Graft	3	Both		
1	Native coronary										
2	Graft										
3	Both										
1521	creintmiinty	Post-Op-Reintervention-Myocardial Ischemia - Intervention Type <i>Indicate the type of intervention used postoperatively for Myocardial Ischemia.</i>	radio <table border="1"> <tr><td>1</td><td>Surgery</td></tr> <tr><td>2</td><td>PCI</td></tr> <tr><td>3</td><td>Both</td></tr> </table> Field Annotation: v2.9 SeqNo. 6773	1	Surgery	2	PCI	3	Both		
1	Surgery										
2	PCI										
3	Both										

1522	copregft	Post-Op-Reintervention-Graft Occlusion(retired v2.81) <i>Indicate whether the patient returned to the operating room or the cath lab for intervention of coronary graft occlusion due to acute closure, thrombosis, technical or embolic origin.</i>	radio <table border="1"> <tr><td>3</td><td>Yes, surgical</td></tr> <tr><td>4</td><td>Yes, PCI</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 6770	3	Yes, surgical	4	Yes, PCI	1	Yes	2	No
3	Yes, surgical										
4	Yes, PCI										
1	Yes										
2	No										
1523	caortreint	Post-Op-Aortic Reintervention <i>Indicate whether the patient underwent postoperative aortic reintervention.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6774	1	Yes	2	No				
1	Yes										
2	No										
1524	caortreintty	Post-Op-Aortic Reintervention-Type <i>Indicate the type of aortic intervention the patient received.</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 6775	1	Open	2	Endovascular				
1	Open										
2	Endovascular										
1525	copreoth	Post-Op-ReOp Other Card <i>Indicate whether the patient returned to the operating room for other cardiac reasons.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1526	ciarm	Comps-Infect-Arm(retired v2.61) <i>Indicate whether the patient had an infection involving an arm harvest site. Must have one of the following conditions: 1. Wound opened with excision of tissue (&D) 2. Positive culture 3. Treatment with antibiotics</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No				
1	Yes										
2	No										
1527	coprenon	Post-Op-Return To OR For Other Non-cardiac Reason <i>Indicate whether the patient returned to the operating room for other non-cardiac reasons. This includes procedures requiring a return to the operating room such as tracheostomy, general surgery procedures. This does not include procedures performed outside the operating room such as GI Lab for peg tube, shunts for dialysis, etc.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No				
1	Yes										
2	No										
1528	copplnddelay	Post-Op-Open Chest With Planned Delayed Sternal Closure <i>Indicate whether the chest was left open with planned delayed sternal closure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
1529	csternal	Post-Op-Sternotomy Issue <i>Indicate presence of a post-operative sternotomy issue.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
1530	csternaldehis	Post-Op Sternal instability/dehiscence (sterile) <i>The code indicates sterile dehiscence of the sternal edges without evidence of infection but which requires surgical intervention. Skin and subcutaneous tissue may remain intact.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No				
1	Yes										
2	No										
1531	ciseptic	Comps-Infect-Septicemia(retired v2.61) <i>Indicate whether the patient had septicemia (requires positive blood cultures) postoperatively.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.61	1	Yes	2	No				
1	Yes										
2	No										

1532	csepsis	<p>Post-Op-Sepsis <i>Sepsis is defined as evidence of serious infection accompanied by a deleterious systemic response. In the time period of the first 48 postoperative or postprocedural hours, the diagnosis of sepsis requires the presence of a Systemic Inflammatory Response Syndrome (SIRS) resulting from a proven infection (such as bacteremia, fungemia or urinary tract infection). In the time period after the first 48 postoperative or postprocedural hours, sepsis may be diagnosed by the presence of a SIRS resulting from suspected or proven infection. During the first 48 hours, a SIRS may result from the stress associated with surgery and/or cardiopulmonary bypass. Thus, the clinical criteria for sepsis during this time period should be more stringent. A systemic inflammatory response syndrome (SIRS) is present when at least two of the following criteria are present: hypo- or hyperthermia (>38.5 or < 36.0), tachycardia or bradycardia, tachypnea, leukocytosis or leukopenia, or thrombocytopenia.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No												
1	Yes																		
2	No																		
1533	csepsisbbc	<p>Post-Op-Sepsis-Positive Blood Cultures <i>Indicate whether a recognized pathogen is cultured from 1 or more blood cultures and is not related to an infection at another site.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No												
1	Yes																		
2	No																		
1534	cnstrokp	<p>Post-Op-Neuro-Stroke Perm <i>Indicate whether the patient has a postoperative stroke and the type of stroke (i.e., any confirmed neurological deficit of abrupt onset caused by a disturbance in blood supply to the brain) that did not resolve within 24 hours.</i></p>	<p>radio</p> <table border="1"> <tr><td>3</td><td>Yes, hemorrhagic</td></tr> <tr><td>4</td><td>Yes, ischemic</td></tr> <tr><td>5</td><td>Yes, undetermined type</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	3	Yes, hemorrhagic	4	Yes, ischemic	5	Yes, undetermined type	1	Yes	2	No						
3	Yes, hemorrhagic																		
4	Yes, ischemic																		
5	Yes, undetermined type																		
1	Yes																		
2	No																		
1535	cnstrokttia	<p>Post-Op-Neuro-Transient Ischemic Attack - TIA <i>Indicate whether the patient had a postoperative Transient Ischemic Attack (TIA) neurological function that was abrupt in onset but with complete return of function within 24 hours.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No												
1	Yes																		
2	No																		
1536	cnstrokrind	<p>Comps-Neuro-Stroke Trans - RIND(retired v2.61) <i>Indicate whether the patient had a postoperative Reversible Ischemic Neurologic Deficit (RIND) Loss of neurological function with symptoms at least 24 hours after onset but with complete return of function within 72 hours.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.61</p>	1	Yes	2	No												
1	Yes																		
2	No																		
1537	cncomaenceph	<p>Post-Op-Neuro-Coma/Encephalopathy(retired v2.81) <i>Indicate whether the patient developed a postoperative coma and/or encephalopathy.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Anoxic</td></tr> <tr><td>3</td><td>Embolic</td></tr> <tr><td>4</td><td>Drug</td></tr> <tr><td>5</td><td>Metabolic</td></tr> <tr><td>6</td><td>Intracranial Bleeding</td></tr> <tr><td>7</td><td>Other</td></tr> <tr><td>8</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 6820</p>	1	None	2	Anoxic	3	Embolic	4	Drug	5	Metabolic	6	Intracranial Bleeding	7	Other	8	Unknown
1	None																		
2	Anoxic																		
3	Embolic																		
4	Drug																		
5	Metabolic																		
6	Intracranial Bleeding																		
7	Other																		
8	Unknown																		
1538	cnenceph	<p>Post-Op-Neuro-Encephalopathy <i>Indicate the type of postoperative encephalopathy the patient developed, if any.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Anoxic</td></tr> <tr><td>3</td><td>Drug</td></tr> <tr><td>4</td><td>Metabolic</td></tr> <tr><td>5</td><td>Mixed</td></tr> <tr><td>6</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 6821</p>	1	None	2	Anoxic	3	Drug	4	Metabolic	5	Mixed	6	Unknown				
1	None																		
2	Anoxic																		
3	Drug																		
4	Metabolic																		
5	Mixed																		
6	Unknown																		

1539	cncoma	Post-Op-Neuro-Coma/Unresponsive State <i>Indicate whether the patient developed a postoperative coma or unresponsive state (not stroke).</i>	radio 1 Yes 2 No Field Annotation: v2.35-2.61, 2.9
1540	cnparal	Post-Op-Neuro-Paralysis <i>Indicate whether the patient had a new postoperative paralysis, paraparesis, or paraplegia related to spinal cord ischemia and not related to a stroke.</i>	radio 1 Yes 2 No Field Annotation: v2.61
1541	cnparalty	Post-Op-Neuro-Paralysis Type <i>Indicate whether the new postoperative paralysis, paraparesis, or paraplegia was transient or permanent.</i>	radio 1 Transient 2 Permanent Field Annotation: v2.61
1542	cnparesis	Post-Op-Neuro-Paresis <i>Indicate whether post operative paresis was present</i>	radio 1 Yes 2 No Field Annotation: v2.9 SeqNo. 6829
1543	cnparesisty	Post-Op-Neuro-Paresis Type <i>Indicate the type of post op paresis</i>	radio 1 Transient 2 Permanent Field Annotation: v2.9 SeqNo. 6830
1544	phrennrvinj	Post-Op-Phrenic Nerve Injury <i>Indicate whether patient has symptoms of phrenic nerve injury, (e.g., immobility or elevation of the diaphragm, etc.).</i>	radio 1 Yes 2 No Field Annotation: v2.73
1545	reclarynnrvinj	Post-Op-Recurrent Laryngeal Nerve Injury <i>Indicate whether patient has symptoms of recurrent laryngeal nerve injury, (e.g., hoarseness, difficulty speaking, etc.).</i>	radio 1 Yes 2 No Field Annotation: v2.73
1546	cpvntng	Post-Op-Pulm-Vent Prolonged <i>Indicate whether the patient had prolonged post-operative pulmonary ventilation > 24.0 hours. The hours of postoperative ventilation time include OR exit until extubation, plus any additional hours following reintubation. Include (but not limited to) causes such as ARDS, pulmonary edema, and/or any patient requiring mechanical ventilation > 24 hours postoperatively.</i>	radio 1 Yes 2 No Field Annotation: all versions
1547	cppneum	Post-Op-Pulm-Pneumonia <i>Indicate whether the patient had pneumonia according to the CDC definition.</i>	radio 1 Yes 2 No Field Annotation: all versions
1548	cppulemb	Comps-Pulm-Pulm Embolism(retired v2.61) <i>Indicate whether the patient had a pulmonary embolism diagnosed by study such as V/Q scan, angiogram, or spiral CT.</i>	radio 1 Yes 2 No Field Annotation: v2.61
1549	cvte	Post-Op-Venous Thromboembolism-VTE <i>Indicate whether the patient developed postoperative venous thrombosis or thromboembolic event.</i>	radio 1 Yes 2 No Field Annotation: v2.73

1550	pulmemb	Post-Op-Pulmonary Thromboembolism <i>Indicate whether the patient had a pulmonary thromboembolism diagnosed by radiologic study such as V/Q scan, angiogram, or spiral CT.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1551	dvt	Post-Op-Deep Venous Thrombosis <i>Indicate whether patient had thrombosis (clot formation) in a deep vein.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1552	cpleff	Post-Op-Pleural Effusion Requiring Drainage <i>Indicate whether a post-operative pleural effusion required drainage via thoracentesis or chest tube insertion.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1553	postoppneumo	Post-Op-Pneumothorax Requiring Intervention <i>Indicate whether the patient had a post-operative pneumothorax requiring intervention.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.81 SeqNo. 6865
1554	crenfail	Post-Op-Renal-Renal Failure <i>Indicate whether the patient had acute renal failure or worsening renal function resulting in ONE OR BOTH of the following: 1. Increase in serum creatinine level 3.0 x greater than baseline, or serum creatinine level \geq4 mg/dL, Acute rise must be at least 0.5 mg/dl 2. A new requirement for dialysis postoperatively.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: all versions
1555	crendial	Post-Op-Renal-Dialysis Req <i>Indicate whether the patient had a new requirement for dialysis postoperatively, which may include hemodialysis, peritoneal dialysis.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.41
1556	dialdur	Post-Op-Dialysis Required After Discharge <i>Indicate whether dialysis was required after hospital discharge.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1557	cothtblk	Comps-Other-Heart Block(retired v2.61) <i>Indicate whether the patient had a new heart block requiring the implantation of a permanent pacemaker of any type prior to discharge.</i>	dropdown <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.61
1558	dialstat	Post-Op-Dialysis Duration <i>Indicate the duration of post-discharge dialysis.</i>	radio <input type="checkbox"/> 1 Temporary <input type="checkbox"/> 2 Permanent <input type="checkbox"/> 3 Unknown Field Annotation: v2.9 SeqNo. 6881
1559	cultrafil	Post-Op-Ultra Filtration <i>Indicate whether patient required Ultra filtration.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73

1560	cvailfem	Post-Op-Vasc-Iliac/Fem Dissect <i>Indicate whether the patient had a dissection occurring in the iliac or femoral arteries.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: all versions
1561	cvalbisc	Post-Op-Vasc-Acute Limb Isch <i>Indicate whether the patient had any complication producing limb ischemia. This may include upper or lower limb ischemia.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: all versions
1562	cmad	Post-Op-Mechanical Assist Device Related Complication <i>Indicate whether there was a post-operative event related to a mechanical assist device.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.9 SeqNo. 6892
1563	cistdeep	Post-Op-Infect-Deep Sternal Infection(retired v2.73) <i>Indicate whether the patient, within 30 days postoperatively, had a deep sternal infection involving muscle, bone, and/or mediastinum REQUIRING OPERATIVE INTERVENTION. Must have ALL of the following conditions: 1. Wound opened with excision of tissue (I&D) or re-exploration of mediastinum 2. Positive culture unless patient on antibiotics at time of culture or no culture obtained 3. Treatment with antibiotics beyond perioperative prophylaxis</i>	dropdown <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1564	cmadcanins	Post-Op-MAD-Cannula / Insertion Site Issue <i>Indicate whether the mechanical assist device related postoperative event included a cannula/insertion site issue.</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.9 SeqNo. 6893
1565	costernalmedia	Post-Op-Sternal-Mediastinitis(retired v2.73) <i>Indicate whether the patient developed mediastinitis within 30 days of the surgical procedure.</i>	dropdown <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1566	cmadhem	Post-Op-MAD-Hemorrhagic <i>Indicate whether there was hemorrhage related to a mechanical assist device</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.9 SeqNo. 6894
1567	costernalmediatdiag_deid	Post-Op-Sternal-Mediastinitis - Date of Diagnosis (Deid) (retired v2.73) <i>Indicate the date one which the mediastinitis was diagnosed.</i>	text (date_mdy) Field Annotation: v2.73
1568	cmadthromem	Post-Op-MAD-Thrombotic/Embolic <i>Indicate whether there was a thrombotic or embolic event related to a mechanical assist device</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.9 SeqNo. 6895
1569	costernalmediaspopen	Post-Op-Sternal-Mediastinitis - Secondary Procedure - Open With Packing/Irrigation(retired v2.73) <i>Indicate whether the secondary procedure performed to treat the mediastinitis included leaving the incision open with packing/irrigation.</i>	dropdown <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.73
1570	cmadholytic	Post-Op-MAD-Hemolytic <i>Indicate whether there was a hemolytic event related to a mechanical assist device</i>	radio <input type="checkbox"/> 1 Yes <input type="checkbox"/> 2 No Field Annotation: v2.9 SeqNo. 6896

1571	csternalmediaspwva	Post-Op-Sternal-Mediastinitis - Secondary Procedure - Wound Vac(retired v2.73) <i>Indicate whether the secondary procedure performed to treat the mediastinitis included wound vac.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
1572	cmadinf	Post-Op-MAD-Infection <i>Indicate whether there was infection related to a mechanical assist device</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6897	1	Yes	2	No						
1	Yes												
2	No												
1573	csternalmediaspmus	Post-Op-Sternal-Mediastinitis - Secondary Procedure - Muscle Flap(retired v2.73) <i>Indicate whether the secondary procedure performed to treat the mediastinitis included muscle flap.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
1574	cmadother	Post-Op-MAD-Other <i>Indicate whether any other mechanical assist device related event occurred</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6898	1	Yes	2	No						
1	Yes												
2	No												
1575	csternalmediaspome	Post-Op-Sternal-Mediastinitis - Secondary Procedure - Omental Flap(retired v2.73) <i>Indicate whether the secondary procedure performed to treat the mediastinitis included omental flap.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
1576	crhythmdis	Post-Op-Rhythm Disturbance Requiring Perm Device <i>Indicate whether patient developed a new dysrhythmia requiring insertion of a permanent device. Do not code these device insertions in the reoperation section even if performed in the OR.</i>	radio <table border="1"> <tr><td>1</td><td>Pacemaker</td></tr> <tr><td>2</td><td>ICD</td></tr> <tr><td>3</td><td>Pacemaker/ICD</td></tr> <tr><td>5</td><td>Other</td></tr> <tr><td>4</td><td>None</td></tr> </table> Field Annotation: v2.73	1	Pacemaker	2	ICD	3	Pacemaker/ICD	5	Other	4	None
1	Pacemaker												
2	ICD												
3	Pacemaker/ICD												
5	Other												
4	None												
1577	cileg	Post-Op-Infect-Conduit Harvest or Cannulation Site(retired v2.73) <i>Indicate whether the patient had an infection involving a conduit harvest or cannulation site Must have ALL of the following conditions: 1. Wound opened with excision of tissue (I&D) 2. Positive culture unless patient on antibiotics at time of culture or no culture obtained 3. Treatment with antibiotics beyond perioperative prophylaxis</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
1578	cotarrst	Post-Op-Other-Card Arrest <i>Indicate whether the patient had an acute cardiac arrest documented by one of the following a. Ventricular fibrillation b. Rapid ventricular tachycardia with hemodynamic instability c. Asystole d. ICD shocks</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No						
1	Yes												
2	No												
1579	wndintopen	Post-Op-Wound Intervention - Open With Packing/Irrigation(retired v2.73) <i>Indicate whether wound intervention required within 30 days following procedure for wounds other than sternotomy included leaving the incision open with packing/irrigation.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No						
1	Yes												
2	No												
1580	cotaortendo	Post-Op-Other-Aortic Endoleak <i>Indicate whether a post operative endoleak occurred</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6906	1	Yes	2	No						
1	Yes												
2	No												

1581	wndintwvac	Post-Op-Wound Intervention - Wound Vac(retired v2.73) <i>Indicate whether wound intervention required within 30 days following procedure for wounds other than sternotomy included wound vac.</i>	dropdown <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.73	1	Yes	2	No								
1	Yes														
2	No														
1582	cotaortendoty	Post-Op-Other-Aortic Endoleak Type <i>Indicate the type of endoleak</i>	radio <table border="1"> <tr><td>1</td><td>Ia</td></tr> <tr><td>2</td><td>Ib</td></tr> <tr><td>3</td><td>II</td></tr> <tr><td>4</td><td>III</td></tr> <tr><td>5</td><td>IV</td></tr> <tr><td>6</td><td>V</td></tr> </table> Field Annotation: v2.9 SeqNo. 6907	1	Ia	2	Ib	3	II	4	III	5	IV	6	V
1	Ia														
2	Ib														
3	II														
4	III														
5	IV														
6	V														
1583	cotaortrupt	Post-Op-Other-Aortic Rupture <i>Indicate whether aortic rupture occurred post op</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6908	1	Yes	2	No								
1	Yes														
2	No														
1584	cvaaodis	Post-Op-Other-Aortic Dissection <i>Indicate whether the patient had a dissection occurring in any part of the aorta.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1585	cvaaodisty	Post-Op-Other-Aortic DissectionType <i>Indicate the type of aortic dissection</i>	radio <table border="1"> <tr><td>1</td><td>Antegrade</td></tr> <tr><td>2</td><td>Retrograde</td></tr> <tr><td>3</td><td>Both</td></tr> </table> Field Annotation: v2.9 SeqNo. 6910	1	Antegrade	2	Retrograde	3	Both						
1	Antegrade														
2	Retrograde														
3	Both														
1586	cotaortside	Post-Op-Other-Aortic Side Branch Malperfusion <i>Indicate whether aortic side branch malperfusion occurred</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6911	1	Yes	2	No								
1	Yes														
2	No														
1587	cotaorttear	Post-Op-Other-Aortic Stent Graft Induced Entry Tear <i>Indicate whether an aortic stent graft induced entry tear occurred</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6912	1	Yes	2	No								
1	Yes														
2	No														
1588	cotcoag	Post-Op-Other-Anticoag Event <i>Indicate whether the patient had bleeding, hemorrhage, and/or embolic events related to anticoagulant therapy postoperatively. This may include patients who experience Disseminated Intravascular Coagulopathy (DIC) or Heparin Induced Thrombocytopenia (HIT).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1589	cottamp	Post-Op-Other-Pericardiocentesis <i>Indicate whether the patient had pericardiocentesis to remove fluid in the pericardial space compromising cardiac filling.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														

1590	cotgi	Post-Op-Other-GI Event <i>Indicate whether the patient had a postoperative occurrence of any GI event, including but not limited to: a. GI bleeding requiring transfusion b. Pancreatitis with abnormal amylase/lipase requiring nasogastric (NG) suction therapy c. Cholecystitis requiring cholecystectomy or drainage d. Mesenteric ischemia requiring exploration e. Hepatic failure f. Prolonged ileus g. Clostridium difficile</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1591	cotliver	Post-Op-Other-Liver Dysfunction or Failure <i>Indicate whether the patient had liver dysfunction or failure.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 6921	1	Yes	2	No								
1	Yes														
2	No														
1592	cotmsf	Post-Op-Other-Multi Sys Fail <i>Indicate whether the patient had two or more major organ systems suffer compromised functions.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1593	cotafib	Post-Op-Other-A Fib <i>Indicate whether the patient experienced atrial fibrillation/flutter (AF) requiring treatment. Exclude patients who were in AFib at the start of surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: all versions	1	Yes	2	No								
1	Yes														
2	No														
1594	cotother	Post-Op-Other-Other <i>Indicate whether a postoperative event occurred that is not identified in the categories above yet impacts hospital length of stay and/or outcome.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No								
1	Yes														
2	No														
1595	postoperative_events_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete						
0	Incomplete														
1	Unverified														
2	Complete														
Instrument: Discharge Mortality (discharge_mortality)			^ Collapse												
1596	lfudate_deid	Date of Last Follow-Up (Deid) <i>Indicate the date on which the last follow-up was made. If patient dies in the hospital, this value will be the same as the date of death. If no follow-up is made after patient is discharged, this value will be the same as the discharge date.</i>	text (date_mdy) Field Annotation: v2.9 SeqNo. 7000												
1597	mt30stat	Mort-30d Status <i>Indicate whether the patient was alive or dead at 30 days post-surgery (whether in hospital or not).</i>	radio <table border="1"> <tr><td>1</td><td>Alive</td></tr> <tr><td>2</td><td>Dead</td></tr> <tr><td>3</td><td>Unknown</td></tr> </table> Field Annotation: all versions	1	Alive	2	Dead	3	Unknown						
1	Alive														
2	Dead														
3	Unknown														
1598	mt30statmeth	Mort-Op Death-Method Of Verification <i>Indicate the primary method used to verify the patient's 30-day mortality status.</i>	dropdown <table border="1"> <tr><td>1</td><td>Phone call to patient or family</td></tr> <tr><td>2</td><td>Letter from medical provider</td></tr> <tr><td>3</td><td>Evidence of life or death in medical record (lab tests, cardiac rehab visits, etc.)</td></tr> <tr><td>4</td><td>Office visit on or after 30 days after procedure</td></tr> <tr><td>5</td><td>Social Security Death Master File / NDI</td></tr> <tr><td>6</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Phone call to patient or family	2	Letter from medical provider	3	Evidence of life or death in medical record (lab tests, cardiac rehab visits, etc.)	4	Office visit on or after 30 days after procedure	5	Social Security Death Master File / NDI	6	Other
1	Phone call to patient or family														
2	Letter from medical provider														
3	Evidence of life or death in medical record (lab tests, cardiac rehab visits, etc.)														
4	Office visit on or after 30 days after procedure														
5	Social Security Death Master File / NDI														
6	Other														

1599	dischmortstat	Discharge / Mortality Status <i>Indicate the discharge and current vital status of the patient</i>	dropdown <table border="1"> <tr><td>1</td><td>In hospital, alive</td></tr> <tr><td>2</td><td>Died in hospital</td></tr> <tr><td>3</td><td>Discharged alive, last know status is alive</td></tr> <tr><td>4</td><td>Discharged alive, died after discharge</td></tr> </table> Field Annotation: v2.9 SeqNo. 7005	1	In hospital, alive	2	Died in hospital	3	Discharged alive, last know status is alive	4	Discharged alive, died after discharge						
1	In hospital, alive																
2	Died in hospital																
3	Discharged alive, last know status is alive																
4	Discharged alive, died after discharge																
1600	dischdt_deid	Date of Discharge (Deid) <i>Indicate the date the patient was discharged from the hospital (acute care) even if the patient is going to a rehab or hospice or similar extended care unit within the same physical facility. If the patient died in the hospital, the discharge date is the date of death.</i>	text (date_rdy) Field Annotation: all versions														
1601	disloctn	Discharge Location <i>Indicate the location to where the patient was discharged.</i>	dropdown <table border="1"> <tr><td>1</td><td>Home</td></tr> <tr><td>2</td><td>Extended Care/Transitional Care Unit/Rehab</td></tr> <tr><td>3</td><td>Other acute care hospital</td></tr> <tr><td>4</td><td>Nursing Home</td></tr> <tr><td>5</td><td>Hospice</td></tr> <tr><td>6</td><td>Left AMA</td></tr> <tr><td>777</td><td>Other</td></tr> </table> Field Annotation: v2.41	1	Home	2	Extended Care/Transitional Care Unit/Rehab	3	Other acute care hospital	4	Nursing Home	5	Hospice	6	Left AMA	777	Other
1	Home																
2	Extended Care/Transitional Care Unit/Rehab																
3	Other acute care hospital																
4	Nursing Home																
5	Hospice																
6	Left AMA																
777	Other																
1602	cardref	Cardiac Rehabilitation Referral <i>Indicate whether advice was given or discussion conducted with the patient (by physician, nurse, or other personnel) regarding the importance of joining a cardiac rehabilitation program, or an appointment made.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not Applicable</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No	3	Not Applicable								
1	Yes																
2	No																
3	Not Applicable																
1603	smokcoun	Smoking Cessation Counseling <i>Indicate whether, prior to discharge from the acute care facility, the patient received smoking cessation counseling. Please select 'Not Applicable' for those patients with no prior history of smoking or remote (more than 1 year) history.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not Applicable</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No	3	Not Applicable								
1	Yes																
2	No																
3	Not Applicable																
1604	dcasa	Aspirin - Discharge <i>Indicate whether or not the patient was discharged from facility on Aspirin, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.41	1	Yes	2	No	3	Contraindicated								
1	Yes																
2	No																
3	Contraindicated																
1605	dcadp	ADP Inhibitors - Discharge <i>Indicate whether or not the patient was discharged from facility on an ADP inhibitor, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.52.1	1	Yes	2	No	3	Contraindicated								
1	Yes																
2	No																
3	Contraindicated																
1606	dcaarmn	Antiarrhythmics - Discharge - Medication Name(retired v2.61) <i>Indicate the name of the antiarrhythmic medication the patient was on when discharged from the facility.</i>	text Field Annotation: v2.61														
1607	dcothantiplat	Other Antiplatelet - Discharge <i>Indicate whether or not the patient was discharged from facility on any other antiplatelet medication, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.81 SeqNo. 7075	1	Yes	2	No	3	Contraindicated								
1	Yes																
2	No																
3	Contraindicated																

1608	dcdirthromin	<p>Direct Thrombin Inhibitors - Discharge <i>Indicate whether or not the patient was discharged from facility on a direct thrombin inhibitor, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.73</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														
1609	dccoum	<p>Warfarin (Coumadin) - Discharge <i>Indicate whether or not the patient was discharged from facility on Warfarin (Coumadin), or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.52.1</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														
1610	dcfactorxa	<p>Factor Xa Inhibitors - Discharge <i>Indicate whether or not the patient was discharged from facility on a factor Xa inhibitor, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.81 SeqNo. 7090</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														
1611	dcnovoranti	<p>Novel Oral Anticoagulant - Discharge <i>Indicate whether or not the patient was discharged from facility on a Novel Oral Anticoagulant, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.9 SeqNo. 7091</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														
1612	dcothanticoag	<p>Other Anticoagulant - Discharge <i>Indicate whether or not the patient was discharged from facility on any other anticoagulant, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.81 SeqNo. 7095</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														
1613	dcaarhy	<p>Antiarrhythmics - Discharge(retired v2.73) <i>Indicate whether or not the patient was discharged from facility on antiarrhythmics.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated / Not indicated (retired 2.61)</td></tr> </table> <p>Field Annotation: v:2.73</p>	1	Yes	2	No	3	Contraindicated / Not indicated (retired 2.61)						
1	Yes														
2	No														
3	Contraindicated / Not indicated (retired 2.61)														
1614	dcace	<p>ACE or ARB Inhibitors - Discharge <i>Indicate whether or not the patient was discharged from facility on ACE or ARB Inhibitors, or if it was contraindicated or not indicated (no history of CHF or EF>40%). The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> <tr><td>4</td><td>No, contraindicated</td></tr> <tr><td>5</td><td>No, not contraindicated</td></tr> <tr><td>6</td><td>Not indicated (no hx CHF or EF>40%)</td></tr> </table> <p>Field Annotation: v:2.41</p>	1	Yes	2	No	3	Contraindicated	4	No, contraindicated	5	No, not contraindicated	6	Not indicated (no hx CHF or EF>40%)
1	Yes														
2	No														
3	Contraindicated														
4	No, contraindicated														
5	No, not contraindicated														
6	Not indicated (no hx CHF or EF>40%)														
1615	dclipid	<p>Lipid Lowering - Discharge(retired v2.73) <i>Indicate whether or not the patient was discharged on a statin or lipid lowering medication, or if it was contraindicated or not indicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, or physician assistant.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> <p>Field Annotation: v:2.73</p>	1	Yes	2	No	3	Contraindicated						
1	Yes														
2	No														
3	Contraindicated														

1616	dcamiodarone	Amiodarone - Discharge <i>Indicate whether or not the patient was discharged from facility on Amiodarone, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.81 SeqNo. 7103	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
1617	dcp2y12	P2Y12 - Discharge(retired v2.81) <i>Indicate whether or not the patient was discharged from facility on a P2Y12 antagonist, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.81 SeqNo. 7131	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
1618	dclipmt	Lipid Lowering - Discharge - Medication Type(retired v2.73) <i>Indicate the type of Lipid Lowering medication the patient was on when discharged from the facility.</i>	dropdown <table border="1"> <tr><td>1</td><td>Statin</td></tr> <tr><td>2</td><td>Non statin</td></tr> <tr><td>3</td><td>Both</td></tr> <tr><td>4</td><td>Other</td></tr> </table> Field Annotation: v2.73	1	Statin	2	Non statin	3	Both	4	Other
1	Statin										
2	Non statin										
3	Both										
4	Other										
1619	dcbeta	Beta Blockers - Discharge <i>Indicate whether or not the patient was discharged on beta blockers, or if beta blocker was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.41	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
1620	dcliplowstat	Lipid Lowering Statin - Discharge <i>Indicate whether or not the patient was discharged from facility on a Statin, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.81 SeqNo. 7115	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
1621	dcliplownonstat	Lipid Lowering - Other - Discharge <i>Indicate whether or not the patient was discharged from facility on a lipid-lowering medication other than a statin, or if it was contraindicated. The contraindication must be documented in the medical record by a physician, nurse practitioner, pharmacist or physician assistant.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Contraindicated</td></tr> </table> Field Annotation: v2.81 SeqNo. 7120	1	Yes	2	No	3	Contraindicated		
1	Yes										
2	No										
3	Contraindicated										
1622	mortality	Mort-Mortality(retired v2.81) <i>Indicate whether the patient has been declared dead within this hospitalization (admission to acute care discharge even if transferred to another hospital) or any time after discharge from this hospitalization. This includes all causes of death, including those causes clearly unrelated to the operation.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 7128	1	Yes	2	No				
1	Yes										
2	No										
1623	mtdcstat	Mort-DC Status(retired v2.81) <i>Indicate whether the patient was alive or dead at discharge from the hospitalization in which surgery occurred. Include patients who died after transfer to another acute care hospital.</i>	radio <table border="1"> <tr><td>1</td><td>Alive</td></tr> <tr><td>2</td><td>Dead</td></tr> </table> Field Annotation: v2.81 SeqNo. 7127	1	Alive	2	Dead				
1	Alive										
2	Dead										
1624	mtdate_deid	Mort-Date (Deid) <i>Indicate the date the patient was declared dead.</i>	text (date_mdy) Field Annotation: all versions								

1625	mtcause	<p>Mort-Prim Cause <i>Indicate the PRIMARY cause of death, i.e., the first significant abnormal event which ultimately led to death.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Cardiac</td></tr> <tr><td>2</td><td>Neurologic</td></tr> <tr><td>3</td><td>Renal</td></tr> <tr><td>4</td><td>Vascular</td></tr> <tr><td>5</td><td>Infection</td></tr> <tr><td>6</td><td>Pulmonary</td></tr> <tr><td>700</td><td>Unknown</td></tr> <tr><td>777</td><td>Other</td></tr> </table> <p>Field Annotation: all versions</p>	1	Cardiac	2	Neurologic	3	Renal	4	Vascular	5	Infection	6	Pulmonary	700	Unknown	777	Other		
1	Cardiac																				
2	Neurologic																				
3	Renal																				
4	Vascular																				
5	Infection																				
6	Pulmonary																				
700	Unknown																				
777	Other																				
1626	mtlocatn	<p>Mort-Location(retired v2.81) <i>Indicate the patient's location at time of death.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Operating Room (OR) During Initial Surgery</td></tr> <tr><td>2</td><td>Hospital (Other Than Operating Room)</td></tr> <tr><td>3</td><td>Home</td></tr> <tr><td>7</td><td>Extended Care Facility</td></tr> <tr><td>8</td><td>Hospice</td></tr> <tr><td>9</td><td>Acute Rehabilitation</td></tr> <tr><td>5</td><td>Operating Room (OR) During Reoperation</td></tr> <tr><td>6</td><td>Unknown</td></tr> <tr><td>10</td><td>Other</td></tr> </table> <p>Field Annotation: v2.81 SeqNo. 7130</p>	1	Operating Room (OR) During Initial Surgery	2	Hospital (Other Than Operating Room)	3	Home	7	Extended Care Facility	8	Hospice	9	Acute Rehabilitation	5	Operating Room (OR) During Reoperation	6	Unknown	10	Other
1	Operating Room (OR) During Initial Surgery																				
2	Hospital (Other Than Operating Room)																				
3	Home																				
7	Extended Care Facility																				
8	Hospice																				
9	Acute Rehabilitation																				
5	Operating Room (OR) During Reoperation																				
6	Unknown																				
10	Other																				
1627	inhospdthloc	<p>In-Hospital Death location <i>Indicate the location within the hospital where the patient died.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>OR During Initial surgery</td></tr> <tr><td>2</td><td>OR During Reoperation</td></tr> <tr><td>3</td><td>In Hospital (Other Than OR)</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7123</p>	1	OR During Initial surgery	2	OR During Reoperation	3	In Hospital (Other Than OR)												
1	OR During Initial surgery																				
2	OR During Reoperation																				
3	In Hospital (Other Than OR)																				
1628	mtopd	<p>Mort-Op Death <i>Operative Mortality includes hospitalization in which the operation was performed, even if after 30 days (including patients transferred to other acute care facilities); and (2) all deaths, regardless of cause, occurring after discharge from the hospital, but before the end of the thirtieth postoperative day.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: all versions</p>	1	Yes	2	No														
1	Yes																				
2	No																				
1629	postdisdthloc	<p>Post Discharge Death Location <i>Indicate the location where the patient died after being discharged from the original hospitalization.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Home</td></tr> <tr><td>2</td><td>Extended Care Facility</td></tr> <tr><td>3</td><td>Hospice</td></tr> <tr><td>4</td><td>Acute Rehabilitation</td></tr> <tr><td>5</td><td>Hospital during readmission</td></tr> <tr><td>6</td><td>Other</td></tr> <tr><td>7</td><td>Unknown</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7125</p>	1	Home	2	Extended Care Facility	3	Hospice	4	Acute Rehabilitation	5	Hospital during readmission	6	Other	7	Unknown				
1	Home																				
2	Extended Care Facility																				
3	Hospice																				
4	Acute Rehabilitation																				
5	Hospital during readmission																				
6	Other																				
7	Unknown																				
1630	discharge_mortality_complete	<p>Section Header: <i>Form Status</i> Complete?</p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete												
0	Incomplete																				
1	Unverified																				
2	Complete																				

Instrument: **Readmission** (readmission)

[^ Collapse](#)

1631	readmit	Readmission <i>Indicate whether the patient was readmitted to the hospital within 30 days of discharge from hospitalization for this surgery. Code yes for inpatient admission to an acute care facility. Do not capture ED or outpatient visits or admission to a skilled facility or nursing home.</i>	dropdown <table border="1" data-bbox="1044 107 1175 226"> <tr> <td data-bbox="1044 107 1073 144">1</td> <td data-bbox="1073 107 1175 144">Yes</td> </tr> <tr> <td data-bbox="1044 144 1073 182">2</td> <td data-bbox="1073 144 1175 182">No</td> </tr> <tr> <td data-bbox="1044 182 1073 220">3</td> <td data-bbox="1073 182 1175 220">Unknown</td> </tr> </table> Field Annotation: v2.81 SeqNo. 7140	1	Yes	2	No	3	Unknown
1	Yes								
2	No								
3	Unknown								
1632	readmitdt_deid	Date of Readmission (Deid) <i>Indicate the date the patient was readmitted.</i>	text (date_mdy) Field Annotation: v2.81 SeqNo. 7145						

1633	readmrsn	<p>Readmit Reason <i>Indicate the primary reason that the patient was readmitted as an in-patient.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>34</td><td>Angina</td></tr> <tr><td>21</td><td>Anticoagulation Complication - Pharmacological</td></tr> <tr><td>20</td><td>Anticoagulation Complication - Valvular</td></tr> <tr><td>33</td><td>Aortic Complication</td></tr> <tr><td>2</td><td>Arrhythmia/Heart Block</td></tr> <tr><td>35</td><td>Blood Pressure (hyper or hypotension)</td></tr> <tr><td>36</td><td>Chest pain, noncardiac</td></tr> <tr><td>3</td><td>Congestive Heart Failure</td></tr> <tr><td>22</td><td>Coronary Artery / Graft Dysfunction</td></tr> <tr><td>37</td><td>Depression/psychiatric issue</td></tr> <tr><td>27</td><td>DVT</td></tr> <tr><td>38</td><td>Electrolyte imbalance</td></tr> <tr><td>24</td><td>Endocarditis</td></tr> <tr><td>39</td><td>Failure to thrive</td></tr> <tr><td>40</td><td>GI issue</td></tr> <tr><td>23</td><td>Infection - Conduit Harvest Site</td></tr> <tr><td>9</td><td>Infection - Deep Sternum / Mediastinitis</td></tr> <tr><td>41</td><td>Mental status changes</td></tr> <tr><td>5</td><td>Myocardial Infarction</td></tr> <tr><td>28</td><td>PE</td></tr> <tr><td>6</td><td>Pericardial Effusion and/or Tamponade</td></tr> <tr><td>42</td><td>Pericarditis/Post Cardiotomy Syndrome</td></tr> <tr><td>31</td><td>Pleural effusion requiring intervention</td></tr> <tr><td>29</td><td>Pneumonia</td></tr> <tr><td>14</td><td>Renal Failure</td></tr> <tr><td>43</td><td>Renal insufficiency</td></tr> <tr><td>30</td><td>Respiratory complications, other</td></tr> <tr><td>7</td><td>Pneumonia or other Respiratory Complication</td></tr> <tr><td>44</td><td>Sepsis</td></tr> <tr><td>18</td><td>Stroke</td></tr> <tr><td>15</td><td>TIA</td></tr> <tr><td>45</td><td>Transfusion</td></tr> <tr><td>26</td><td>Transplant Rejection</td></tr> <tr><td>25</td><td>VAD Complication</td></tr> <tr><td>8</td><td>Valve Dysfunction</td></tr> <tr><td>19</td><td>Vascular Complication, acute</td></tr> <tr><td>46</td><td>Wound, other (drainage, cellulitis)</td></tr> <tr><td>998</td><td>Other - Related Readmission</td></tr> <tr><td>999</td><td>Other - Nonrelated Readmission</td></tr> <tr><td>32</td><td>Other - Planned readmission</td></tr> <tr><td>997</td><td>Unknown</td></tr> </table> <p>Field Annotation: all versions</p>	34	Angina	21	Anticoagulation Complication - Pharmacological	20	Anticoagulation Complication - Valvular	33	Aortic Complication	2	Arrhythmia/Heart Block	35	Blood Pressure (hyper or hypotension)	36	Chest pain, noncardiac	3	Congestive Heart Failure	22	Coronary Artery / Graft Dysfunction	37	Depression/psychiatric issue	27	DVT	38	Electrolyte imbalance	24	Endocarditis	39	Failure to thrive	40	GI issue	23	Infection - Conduit Harvest Site	9	Infection - Deep Sternum / Mediastinitis	41	Mental status changes	5	Myocardial Infarction	28	PE	6	Pericardial Effusion and/or Tamponade	42	Pericarditis/Post Cardiotomy Syndrome	31	Pleural effusion requiring intervention	29	Pneumonia	14	Renal Failure	43	Renal insufficiency	30	Respiratory complications, other	7	Pneumonia or other Respiratory Complication	44	Sepsis	18	Stroke	15	TIA	45	Transfusion	26	Transplant Rejection	25	VAD Complication	8	Valve Dysfunction	19	Vascular Complication, acute	46	Wound, other (drainage, cellulitis)	998	Other - Related Readmission	999	Other - Nonrelated Readmission	32	Other - Planned readmission	997	Unknown
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32	Other - Planned readmission																																																																																				
997	Unknown																																																																																				
1634	readm30	<p>Readmit < =30 Days from DOP(retired v2.73) <i>Indicate whether the patient was readmitted to an acute care facility as an in-patient within 30 days from the date of initial surgery for ANY reason. This includes readmissions to acute care, primary care institutions only. Do not include readmissions to rehabilitation hospital, or nursing home.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.73</p>	1	Yes	2	No																																																																														
1	Yes																																																																																				
2	No																																																																																				

1635	readmpro	Readmit Reason - Primary Procedure <i>Indicate the primary procedure that the patient received after being readmitted as an in-patient.</i>	dropdown <table border="1"> <tr><td>700</td><td>No Procedure Performed</td></tr> <tr><td>100</td><td>Cath lab for valve intervention</td></tr> <tr><td>30</td><td>Cath lab for coronary intervention (PCI)</td></tr> <tr><td>80</td><td>Dialysis</td></tr> <tr><td>10</td><td>OR for Bleeding</td></tr> <tr><td>50</td><td>OR for Coronary Artery Intervention</td></tr> <tr><td>70</td><td>OR for Sternal Debridement/Muscle Flap</td></tr> <tr><td>60</td><td>OR for Valve Intervention</td></tr> <tr><td>90</td><td>OR for Vascular Procedure</td></tr> <tr><td>130</td><td>OR for Aorta Intervention</td></tr> <tr><td>20</td><td>Pacemaker insertion/AICD</td></tr> <tr><td>40</td><td>Pericardiotomy/Pericardiocentesis</td></tr> <tr><td>140</td><td>Planned noncardiac procedure</td></tr> <tr><td>110</td><td>Thoracentesis / chest tube insertion</td></tr> <tr><td>120</td><td>Wound vac</td></tr> <tr><td>710</td><td>Other Procedure</td></tr> <tr><td>720</td><td>Unknown</td></tr> </table> Field Annotation: v2.52.1	700	No Procedure Performed	100	Cath lab for valve intervention	30	Cath lab for coronary intervention (PCI)	80	Dialysis	10	OR for Bleeding	50	OR for Coronary Artery Intervention	70	OR for Sternal Debridement/Muscle Flap	60	OR for Valve Intervention	90	OR for Vascular Procedure	130	OR for Aorta Intervention	20	Pacemaker insertion/AICD	40	Pericardiotomy/Pericardiocentesis	140	Planned noncardiac procedure	110	Thoracentesis / chest tube insertion	120	Wound vac	710	Other Procedure	720	Unknown
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120	Wound vac																																				
710	Other Procedure																																				
720	Unknown																																				
1636	readmaortintty	Readmit Reason - Primary Procedure - Aorta Intervention Type <i>Indicate the type of aortic intervention required during readmission</i>	radio <table border="1"> <tr><td>1</td><td>Open</td></tr> <tr><td>2</td><td>Endovascular</td></tr> </table> Field Annotation: v2.9 SeqNo. 7166	1	Open	2	Endovascular																														
1	Open																																				
2	Endovascular																																				
1637	readmaortintind	Readmit Reason - Primary Procedure - Aorta Intervention Indication <i>Select the indication for aortic reintervention</i>	dropdown <table border="1"> <tr><td>1</td><td>Rupture</td></tr> <tr><td>2</td><td>Endoleak</td></tr> <tr><td>3</td><td>Infection</td></tr> <tr><td>4</td><td>Dissection</td></tr> <tr><td>5</td><td>Expansion</td></tr> <tr><td>6</td><td>Loss of side branch patency</td></tr> <tr><td>7</td><td>Other</td></tr> </table> Field Annotation: v2.9 SeqNo. 7167	1	Rupture	2	Endoleak	3	Infection	4	Dissection	5	Expansion	6	Loss of side branch patency	7	Other																				
1	Rupture																																				
2	Endoleak																																				
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5	Expansion																																				
6	Loss of side branch patency																																				
7	Other																																				
1638	readmission_complete	Section Header: Form Status Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																												
0	Incomplete																																				
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2	Complete																																				
Instrument: Risk Scores (risk_scores)			^ Collapse																																		
1639	predmort	Predicted Risk of Mortality <i>Indicate the Predicted Risk of Mortality.</i>	text Field Annotation: all																																		
1640	preddeep	Predicted Deep Sternal Wound Infx <i>Indicate the Predicted Risk of Deep Sternal Wound Infection.</i>	text Field Annotation: v2.41																																		
1641	predreop	Predicted Reoperation <i>Indicate the Predicted Risk of Reoperation.</i>	text Field Annotation: v2.41																																		
1642	predstro	Predicted Permanent Stroke <i>Indicate the Predicted Risk of Permanent Stroke.</i>	text Field Annotation: v2.41																																		
1643	predvent	Predicted Prolonged Ventilation <i>Indicate the Predicted Risk of Prolonged Ventilation.</i>	text Field Annotation: v2.41																																		
1644	predrenf	Predicted Renal Failure <i>Indicate the Predicted Risk of Renal Failure.</i>	text Field Annotation: v2.41																																		

1645	predmm	Predicted Morbidity or Mortality <i>Indicate the Predicted Risk of Morbidity or Mortality.</i>	text Field Annotation: v2.41																																								
1646	pred6d	Predicted Short Length of Stay <i>Indicate the Predicted Risk of Short Length of Stay.</i>	text Field Annotation: v2.41																																								
1647	pred14d	Predicted Long Length of Stay <i>Indicate the Predicted Risk of Long Length of Stay.</i>	text Field Annotation: v2.41																																								
1648	risk_scores_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																																		
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1	Unverified																																										
2	Complete																																										
Instrument: Sts Temporary Fields (sts_temporary_fields) ^ Collapse																																											
1649	tempyn1	Temporary Yes/No Field #1 <i>This is a temporary field that should not be used for data collection until expressly instructed to by the STS.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 7215	1	Yes	2	No																																				
1	Yes																																										
2	No																																										
1650	tempyn2	Temporary Yes/No Field #2 <i>This is a temporary field that should not be used for data collection until expressly instructed to by the STS.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.81 SeqNo. 7220	1	Yes	2	No																																				
1	Yes																																										
2	No																																										
1651	tempdt	Temporary Date Field <i>This is a temporary field that should not be used for data collection until expressly instructed to by the STS.</i>	text (date_mdy) Field Annotation: v2.81 SeqNo. 7225																																								
1652	tempcode	Temporary Coded Field <i>This is a temporary field that should not be used for data collection until expressly instructed to by the STS.</i>	dropdown <table border="1"> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> <tr><td>10</td><td>10</td></tr> <tr><td>11</td><td>11</td></tr> <tr><td>12</td><td>12</td></tr> <tr><td>13</td><td>13</td></tr> <tr><td>14</td><td>14</td></tr> <tr><td>15</td><td>15</td></tr> <tr><td>16</td><td>16</td></tr> <tr><td>17</td><td>17</td></tr> <tr><td>18</td><td>18</td></tr> <tr><td>19</td><td>19</td></tr> <tr><td>20</td><td>20</td></tr> </table> Field Annotation: v2.81 SeqNo. 7230	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15	15	16	16	17	17	18	18	19	19	20	20
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1653	temptext	Temporary Text Field <i>This is a temporary field that should not be used for data collection until expressly instructed to by the STS.</i>	text Field Annotation: v2.81 SeqNo. 7235																																								

1654	stscustnum1	<p>STS Custom Numeric Field 1(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1655	stscustnum2	<p>STS Custom Numeric Field 2(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1656	stscustnum3	<p>STS Custom Numeric Field 3(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1657	stscustnum4	<p>STS Custom Numeric Field 4(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1658	stscustnum5	<p>STS Custom Numeric Field 5(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1659	stscusttxt1	<p>STS Custom Text Field 1(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1660	stscusttxt2	<p>STS Custom Text Field 2(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1661	stscusttxt3	<p>STS Custom Text Field 3(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1662	stscusttxt4	<p>STS Custom Text Field 4(retired v2.73)</p> <p><i>This field will be used to store values defined by the STS at a future date if new data fields need to be collected before a data specification upgrade can be completed. Users should not store any data in this field except as explicitly stated by the STS.</i></p>	<p>text</p> <p>Field Annotation: v2.73</p>						
1663	sts_temporary_fields_complete	<p>Section Header: <i>Form Status</i></p> <p>Complete?</p>	<p>dropdown</p> <table border="1"> <tr> <td>0</td> <td>Incomplete</td> </tr> <tr> <td>1</td> <td>Unverified</td> </tr> <tr> <td>2</td> <td>Complete</td> </tr> </table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								
Instrument: Anesthesiology (anesthesiology)			^ Collapse						
1664	primanesname	<p>Primary Anesthesiologist Name</p> <p><i>Indicate the full name of the primary anesthesiologist for the procedure.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7310</p>						
1665	primanesnpi	<p>Primary Anesthesiologist National Provider Identifier</p> <p><i>Indicate the individual-level National Provider Identifier (NPI) of the primary anesthesiologist for the procedure.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7315</p>						

1666	anescareteammod	<p>Care Team Model <i>Indicate the anesthesia care team assigned for the predominant portion of the procedure.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Anesthesiologist working alone</td></tr> <tr><td>2</td><td>Attending anesthesiologist teaching/medically directing fellow</td></tr> <tr><td>3</td><td>Attending anesthesiologist teaching/medically directing house staff</td></tr> <tr><td>4</td><td>Attending anesthesiologist medically directing CRNA (1:4 ratio or less)</td></tr> <tr><td>5</td><td>Attending anesthesiologist medically directing CRNA (1:5 ratio or greater)</td></tr> <tr><td>6</td><td>Surgeon medically directing CRNA</td></tr> <tr><td>7</td><td>CRNA practicing independently</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7320</p>	1	Anesthesiologist working alone	2	Attending anesthesiologist teaching/medically directing fellow	3	Attending anesthesiologist teaching/medically directing house staff	4	Attending anesthesiologist medically directing CRNA (1:4 ratio or less)	5	Attending anesthesiologist medically directing CRNA (1:5 ratio or greater)	6	Surgeon medically directing CRNA	7	CRNA practicing independently												
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5	Attending anesthesiologist medically directing CRNA (1:5 ratio or greater)																												
6	Surgeon medically directing CRNA																												
7	CRNA practicing independently																												
1667	painscorepre	<p>Pain Score Baseline <i>Indicate the highest baseline (preoperative) pain score on the 0-10 integer scale, or indicate that the score was not recorded.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> <tr><td>10</td><td>10</td></tr> <tr><td>11</td><td>Not recorded</td></tr> <tr><td>12</td><td>NA</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7325</p>	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	Not recorded	12	NA
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9	9																												
10	10																												
11	Not recorded																												
12	NA																												
1668	transfalg	<p>Transfusion Algorithm to Guide Transfusion <i>Indicate whether a transfusion algorithm or guideline was used to guide transfusion in the patient.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes, SCA/STS guidelines used</td></tr> <tr><td>2</td><td>Yes, Other algorithm used</td></tr> <tr><td>3</td><td>No algorithm used</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7330</p>	1	Yes, SCA/STS guidelines used	2	Yes, Other algorithm used	3	No algorithm used																				
1	Yes, SCA/STS guidelines used																												
2	Yes, Other algorithm used																												
3	No algorithm used																												
1669	cellsavvol	<p>Cell saver volume <i>Indicate the volume of cell-saver blood that was transfused intraoperatively. Include any volume started in the OR, even if the infusion completed post-operatively. Do not include autologous, allogeneic, pump-residual, or chest-tube recirculated blood. Value should be recorded in milliliters.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 7335</p>																										
1670	tothep	<p>Heparin Total Dose <i>Indicate the total dose of heparin that was administered intraoperatively prior to the initiation of first cardiopulmonary bypass. Include all doses of heparin given prior to the first cardiopulmonary bypass. Value should be recorded in units.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 7340</p>																										
1671	hepmgmt	<p>Heparin Management <i>Indicate the method of heparin management used intraoperatively. Different approaches are utilized to measure the adequacy of heparinization for anticoagulation.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Heparin titration based on activated clotting time (ACT)</td></tr> <tr><td>2</td><td>Heparin titration based on heparin concentration (e.g. Hepcon system)</td></tr> <tr><td>3</td><td>Other method</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7345</p>	1	Heparin titration based on activated clotting time (ACT)	2	Heparin titration based on heparin concentration (e.g. Hepcon system)	3	Other method																				
1	Heparin titration based on activated clotting time (ACT)																												
2	Heparin titration based on heparin concentration (e.g. Hepcon system)																												
3	Other method																												
1672	totprot	<p>Protamine total dose <i>Indicate the total dose of protamine given intraoperatively to reverse heparinization after first cardiopulmonary bypass. Value should be recorded in milligrams. Do not include doses given in the ICU.</i></p>	<p>text Field Annotation: v2.9 SeqNo. 7350</p>																										

1673	antithromdose	Antithrombin III Total Dose <i>indicate the total dose of antithrombin III</i>	text Field Annotation: v2.9 SeqNo. 7351				
1674	intraviscotest	Viscoelastic Testing Used During Operation <i>Indicate whether viscoelastic testing was used intraoperatively (example Thromboelastography (TEG) is a method of testing the efficiency of coagulation in the blood.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7360	1	Yes	2	No
1	Yes						
2	No						
1675	volagentused	Volatile Agent Used <i>Indicate whether a volatile agent was used.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7365	1	Yes	2	No
1	Yes						
2	No						
1676	volagentiso	Volatile Agent - Isoflurane <i>Indicate whether the volatile agent used was Isoflurane</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7366	1	Yes	2	No
1	Yes						
2	No						
1677	volagentsevo	Volatile Agent - Sevoflurane <i>Indicate whether the volatile agent used was Sevoflurane</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7367	1	Yes	2	No
1	Yes						
2	No						
1678	volagentdes	Volatile Agent - Desflurane <i>Indicate whether the volatile agent used was Desflurane</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7368	1	Yes	2	No
1	Yes						
2	No						
1679	volagentoth	Volatile Agent - Other <i>Indicate whether any other volatile agent was used</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7369	1	Yes	2	No
1	Yes						
2	No						
1680	volagenttimpre	Volatile Agent Timing - Pre-CPB <i>Indicate whether the volatile agent was used prior to the patient being on CPB.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7370	1	Yes	2	No
1	Yes						
2	No						
1681	volagenttimdur	Volatile Agent Timing - During CPB <i>Indicate whether the volatile agent was used during the period when patient was on CPB.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7375	1	Yes	2	No
1	Yes						
2	No						
1682	volagenttimpost	Volatile Agent Timing - Post CPB <i>Indicate whether the volatile agent was used after the patient was taken off CPB.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7380	1	Yes	2	No
1	Yes						
2	No						
1683	volagenttimmaint	Volatile Agent Timing - Maintenance (no CPB) <i>Indicate whether a volatile agent was used for maintenance in a non-pump case (no CPB).</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7385	1	Yes	2	No
1	Yes						
2	No						

1684	dexintra	Intraop Infusion: Dexmedetomidine <i>Indicate the use of dexmedetomidine infusion during surgery. Any use of dexmedetomidine infusion during the intraoperative period, usually but not always, in the post-bypass period.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7390	1	Yes	2	No								
1	Yes														
2	No														
1685	propintra	Intraop Infusion: Propofol <i>Indicate the use of propofol infusion during surgery. Any use of a propofol infusion during the intraoperative period, usually but not always, in the post-bypass period.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7395	1	Yes	2	No								
1	Yes														
2	No														
1686	midazintra	Intraop Mgs of Midazolam <i>Indicate the interoperative does of madazolam in milligrams. Enter zero if no midazolam used.</i>	text Field Annotation: v2.9 SeqNo. 7400												
1687	totinsuintra	Intraop Insulin Total Dose (max units) <i>Indicate the total units (bolus and infusion) of insulin administered intraoperatively. Enter zero if no insulin was given.</i>	text Field Annotation: v2.9 SeqNo. 7405												
1688	preanesthbpsys	Blood Pressure Baseline (Pre-Anesthetic Induction) - Systolic <i>Indicate the most representative preoperative blood pressure upon arrival in the operating room. The most representative initial blood pressure (systolic) should be recorded. This number may be an initial single recording or the average or median of a series of BP determinations. In all cases, the values should be recorded in the operating room prior to the induction of anesthesia.</i>	text Field Annotation: v2.9 SeqNo. 7410												
1689	preanesthbpdia	Blood Pressure Baseline (Pre-Anesthetic Induction) - Diastolic <i>Indicate the most representative preoperative blood pressure upon arrival in the operating room. The most representative initial blood pressure (diastolic) should be recorded. This number may be an initial single recording or the average or median of a series of BP determinations. In all cases, the values should be recorded in the operating room prior to the induction of anesthesia.</i>	text Field Annotation: v2.9 SeqNo. 7415												
1690	preanesthbpmean	Blood Pressure Baseline (Pre-Anesthetic Induction) - Mean <i>Indicate the most representative preoperative blood pressure upon arrival in the operating room. The most representative initial blood pressure (mean) should be recorded. This number may be an initial single recording or the average or median of a series of BP determinations. In all cases, the values should be recorded in the operating room prior to the induction of anesthesia.</i>	text Field Annotation: v2.9 SeqNo. 7420												
1691	preanesthhr	Heart Rate Baseline (Pre-Anesthetic Induction) <i>Indicate the most representative preoperative heart rate upon arrival in the operating room. The most representative initial heart rate should be recorded. This number may be an initial single recording or the average or median of a series of heart rate determinations. In all cases, the values should be recorded in the operating room prior to the induction of anesthesia. The source of heart rate should derive from the ECG monitor, since pulse rates derived from pulse oximetry/plethysmography or arterial tracings may underestimate the heart rate in tachyarrhythmias and other circumstances.</i>	text Field Annotation: v2.9 SeqNo. 7425												
1692	pacintra	Pulmonary Artery Catheter Used <i>Indicate the preoperative or intraoperative placement of a pulmonary artery catheter. Placement of a pulmonary artery catheter (PAC) in the preoperative or intraoperative period and use of this catheter during the intraoperative period.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7430	1	Yes	2	No								
1	Yes														
2	No														
1693	coretempsrc	Core Temperature Source <i>Indicate the source of core temperature data used to guide cooling and/or rewarming during cardiac surgery. Cardiac centers utilize various sites for measuring core temperature during cardiac procedures. These may include the esophageal, bladder, nasopharyngeal, pulmonary artery catheter thermistor, tympanic, or rectal sources. If more than one temperature is being recorded, the value selected as the core should be noted.</i>	radio <table border="1"> <tr> <td>1</td> <td>Esophageal</td> </tr> <tr> <td>2</td> <td>Bladder</td> </tr> <tr> <td>3</td> <td>Nasopharyngeal</td> </tr> <tr> <td>4</td> <td>Pulmonary artery catheter thermistor</td> </tr> <tr> <td>5</td> <td>Tympanic</td> </tr> <tr> <td>6</td> <td>Rectal</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7435	1	Esophageal	2	Bladder	3	Nasopharyngeal	4	Pulmonary artery catheter thermistor	5	Tympanic	6	Rectal
1	Esophageal														
2	Bladder														
3	Nasopharyngeal														
4	Pulmonary artery catheter thermistor														
5	Tympanic														
6	Rectal														
1694	coretempmax	Core Temperature Maximum <i>Indicate the patient's highest core temperature during the procedure in degrees centigrade.</i>	text Field Annotation: v2.9 SeqNo. 7440												

1695	nitricoxintraop	<p>Nitric Oxide Therapy Begun Intraoperatively</p> <p><i>Indicate the usage of inhaled nitric oxide. Inhaled nitric oxide is used in the treatment of pulmonary hypertension and right ventricular failure. The intent is to capture the usage of inhaled nitric oxide during the cardiac surgical procedure. Do not record the usage of inhaled vasodilating substances other than nitric oxide in this data field.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 7445</p>	1	Yes	2	No
1	Yes						
2	No						
1696	totcrystanesth	<p>Total Crystalloid Administered by Anesthesia Care Team</p> <p><i>Indicate the total volume of intravenous crystalloid administered by the anesthesia care team. The data should be recorded in milliliters. Enter zero if no crystalloid used. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total volume of all crystalloid intravenous fluids administered by the anesthesia care team. Do not record any blood products in this data field.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7450</p>				
1697	totcolloidanesth	<p>Total Synthetic Colloid Administered by Anesthesia Care Team</p> <p><i>Indicate the total volume of intravenous synthetic colloid fluid administered by the anesthesia care team. The data should be recorded in milliliters. Enter zero if no synthetic colloid used. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total volume of all synthetic colloid intravenous fluids administered by the anesthesia care team. Do not record any blood products in this data field.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7455</p>				
1698	totalbumanesth	<p>Total Albumin Administered by Anesthesia Care Team</p> <p><i>Indicate the total volume of intravenous human serum albumin fluid administered by the anesthesia care team. The data should be recorded in milliliters. Enter zero if no albumin used. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total volume of all human serum albumin fluid administered by the anesthesia care team. Do not record any blood products in this data field.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7460</p>				
1699	gluctroughintraop	<p>Intraoperative Glucose Trough Value</p> <p><i>Indicate the trough value of intraoperative glucose in mg/dl. Intraoperative glucose values vary widely in cardiac surgery. Administration of glucose containing fluids, stress, insulin, and glucorticoids may all affect intraoperative glycemic levels.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7470</p>				
1700	vasodilintraop	<p>Vasodilators used</p> <p><i>Indicate the usage of intravenous vasodilating drugs administered by continuous infusion during the intraoperative phase of cardiac surgery. Vasodilators are used commonly in cardiac surgical patients for the control of intraoperative hypertension and for afterload reduction to improve ventricular function. For the purposes of this data field, infusions of milrinone and pure vasodilating drugs, such as nitroglycerin, nitroprusside, and nicardipine, should be recorded.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 7475</p>	1	Yes	2	No
1	Yes						
2	No						
1701	intraproceeg	<p>Intraoperative Processed EEG (BIS)</p> <p><i>Indicate whether an intraoperative processed EEG (BIS) was monitored</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 7476</p>	1	Yes	2	No
1	Yes						
2	No						
1702	intraoppretee	<p>Intraoperative Pre-procedure TEE Performed</p> <p><i>Indicate whether intraoperative TEE was performed pre-procedure.</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 7480</p>	1	Yes	2	No
1	Yes						
2	No						
1703	prelvefmeas	<p>Pre-Procedure Left Ventricular Ejection Fraction Measured</p> <p><i>Indicate whether left ventricular ejection fraction was measured</i></p>	<p>radio</p> <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> <p>Field Annotation: v2.9 SeqNo. 7485</p>	1	Yes	2	No
1	Yes						
2	No						
1704	prelvef	<p>Left Ventricular Ejection Fraction Estimate</p> <p><i>Indicate the estimate of Left Ventricular ejection fraction determined by intraoperative transesophageal echocardiography. Enter a range of 1-99. If a percentage range is reported, report a whole number using the "mean" (i.e., 50-55% is reported as 53%). The following guideline is to be used when the EF is not documented as a percentage; but rather, the EF is documented using a word descriptor: Normal = 60% Good function = 50% Mildly reduced = 45% Fair function = 40% Moderately reduced = 30% Poor function = 25% Severely reduced = 20%</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7490</p>				

1705	prevfx	<p>Pre-Procedure Right Ventricular Function <i>Indicate the estimate of RV function determined by intraoperative transesophageal echocardiography.</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>Normal</td></tr> <tr><td>2</td><td>Mild dysfunction</td></tr> <tr><td>3</td><td>Moderate dysfunction</td></tr> <tr><td>4</td><td>Severe dysfunction</td></tr> <tr><td>5</td><td>Not assessed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7495</p>	1	Normal	2	Mild dysfunction	3	Moderate dysfunction	4	Severe dysfunction	5	Not assessed		
1	Normal														
2	Mild dysfunction														
3	Moderate dysfunction														
4	Severe dysfunction														
5	Not assessed														
1706	premr	<p>Mitral Regurgitation <i>Indicate the degree of mitral valve regurgitation from intraoperative transesophageal echocardiography. Enter the highest level recorded in the chart, i.e., worst performance level. "Moderately severe" should be coded as "severe".</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trace/trivial</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not assessed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7500</p>	1	None	2	Trace/trivial	3	Mild	4	Moderate	5	Severe	6	Not assessed
1	None														
2	Trace/trivial														
3	Mild														
4	Moderate														
5	Severe														
6	Not assessed														
1707	prems	<p>Mitral Stenosis <i>Indicate the degree of mitral valve stenosis from intraoperative transesophageal echocardiography. Enter the highest level recorded in the chart, i.e., worst performance level. "Moderately severe" should be coded as "severe".</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not assessed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7505</p>	1	None	2	Mild	3	Moderate	4	Severe	5	Not assessed		
1	None														
2	Mild														
3	Moderate														
4	Severe														
5	Not assessed														
1708	prear	<p>Aortic Regurgitation <i>Indicate the degree of aortic valve regurgitation from intraoperative transesophageal echocardiography. Enter the highest level recorded in the chart, i.e., worst performance level. "Moderately severe" should be coded as "severe".</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trace/trivial</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not assessed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7510</p>	1	None	2	Trace/trivial	3	Mild	4	Moderate	5	Severe	6	Not assessed
1	None														
2	Trace/trivial														
3	Mild														
4	Moderate														
5	Severe														
6	Not assessed														
1709	preas	<p>Aortic Stenosis <i>Indicate the degree of aortic valve stenosis from intraoperative transesophageal echocardiography. Enter the highest level recorded in the chart, i.e., worst performance level. "Moderately severe" should be coded as "severe".</i></p>	<p>dropdown</p> <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Mild</td></tr> <tr><td>3</td><td>Moderate</td></tr> <tr><td>4</td><td>Severe</td></tr> <tr><td>5</td><td>Not assessed</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7515</p>	1	None	2	Mild	3	Moderate	4	Severe	5	Not assessed		
1	None														
2	Mild														
3	Moderate														
4	Severe														
5	Not assessed														
1710	preavaassessed	<p>Aortic Valve Area Assessed <i>Indicate whether the aortic valve areas was assessed from intraoperative transesophageal echocardiography.</i></p>	<p>radio</p> <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> <p>Field Annotation: v2.9 SeqNo. 7520</p>	1	Yes	2	No								
1	Yes														
2	No														
1711	preava	<p>Aortic Valve Area <i>Indicate the aortic valve area from intraoperative transesophageal echocardiography. Enter numeric value in square centimeters for aortic valve.</i></p>	<p>text</p> <p>Field Annotation: v2.9 SeqNo. 7525</p>												

1712	pretr	Tricuspid Regurgitation <i>Indicate the degree of tricuspid valve regurgitation from intraoperative transesophageal echocardiography. Enter the highest level recorded in the chart, i.e., worst performance level. "Moderately severe" should be coded as "severe".</i>	dropdown <table border="1"> <tr><td>1</td><td>None</td></tr> <tr><td>2</td><td>Trace/trivial</td></tr> <tr><td>3</td><td>Mild</td></tr> <tr><td>4</td><td>Moderate</td></tr> <tr><td>5</td><td>Severe</td></tr> <tr><td>6</td><td>Not assessed</td></tr> </table>	1	None	2	Trace/trivial	3	Mild	4	Moderate	5	Severe	6	Not assessed
1	None														
2	Trace/trivial														
3	Mild														
4	Moderate														
5	Severe														
6	Not assessed														
			Field Annotation: v2.9 SeqNo. 7530												
1713	prepfo	Patent Foramen Ovale <i>Indicate the presence of patent foramen ovale diagnosed by intraoperative transesophageal echocardiography.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> <tr><td>3</td><td>Not Assessed</td></tr> </table>	1	Yes	2	No	3	Not Assessed						
1	Yes														
2	No														
3	Not Assessed														
			Field Annotation: v2.9 SeqNo. 7535												
1714	ascaoassessed	Ascending Aorta Assessed <i>Indicate whether the ascending aorta was assessed using TEE.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 7540												
1715	mxascao	Maximal Ascending Aortic Diameter <i>Indicate the maximal diameter of ascending aorta as determined by intraoperative transesophageal echocardiography. Indicate maximal diameter of ascending aorta in centimeters as determined by intraoperative transesophageal echocardiography.</i>	text Field Annotation: v2.9 SeqNo. 7545												
1716	mxascaothickness	Maximal Ascending Aortic Atheroma Thickness <i>Indicate the maximal ascending aortic atherosclerotic thickness as measured by intraoperative transesophageal echocardiography. Indicate maximal thickness of ascending aorta plaque in millimeters as determined by intraoperative transesophageal echocardiography. If only intimal thickening and no plaque put numeric value of zero.</i>	text Field Annotation: v2.9 SeqNo. 7550												
1717	asathmo	Ascending Aortic Atheroma Mobility <i>Indicate the ascending aortic atheroma mobility as measured by intraoperative transesophageal echocardiography.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 7555												
1718	aoarcvis	Aortic Arch Visualized <i>Indicate whether the aortic arch was visualized.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 7560												
1719	mxarcath	Maximal Aortic Arch Atheroma Thickness <i>Indicate the maximal aortic arch atherosclerotic thickness as measured by intraoperative transesophageal echocardiography. Indicate maximal thickness of aortic arch plaque in millimeters as determined by intraoperative transesophageal echocardiography. If only intimal thickening and no plaque put numeric value of zero.</i>	text Field Annotation: v2.9 SeqNo. 7565												
1720	arcathmo	Aortic Arch Atheroma Mobility <i>Indicate the aortic arch atheroma mobility as measured by pre-CPB intraoperative transesophageal echocardiography.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 7570												
1721	cpbused	Cardiopulmonary Bypass Used <i>Indicate whether cardiopulmonary bypass was used.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table>	1	Yes	2	No								
1	Yes														
2	No														
			Field Annotation: v2.9 SeqNo. 7575												

1722	retrautolprim	Retrograde Autologous Priming of CPB Circuit <i>Indicate whether retrograde autologous priming was used by the cardiopulmonary perfusion team prior to the onset of cardiopulmonary bypass. Retrograde autologous priming is technique used by cardiopulmonary perfusionists to minimize hemodilution and hypotension during onset of cardiopulmonary bypass.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7580	1	Yes	2	No		
1	Yes								
2	No								
1723	totcrystperf	Total Fluids Crystalloid Administered by Perfusion Team <i>Indicate the total volume of intravenous crystalloid fluids administered by cardiopulmonary perfusion team. The data should be record in milliliters. Enter zero if fluid crystalloid not used by perfusion team. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total of all crystalloid intravenous fluids given by the cardiopulmonary perfusion team. Do not record any blood products in this data field.</i>	text Field Annotation: v2.9 SeqNo. 7585						
1724	totcolloidperf	Total Synthetic Colloid Administered by Perfusion Team <i>Indicate the total volume of intravenous synthetic colloid fluids (of any concentration) administered by the cardiopulmonary perfusion team. The data should be recorded in milliliters. Enter zero if synthetic colloid not administered by perfusion team. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total of all synthetic colloid intravenous fluids given by the cardiopulmonary perfusion team. Synthetic colloids of all concentrations and substitution ratios should be included, Do not record any blood products in this data field.</i>	text Field Annotation: v2.9 SeqNo. 7590						
1725	totalbumperf	Total Albumin Administered by Perfusion Team <i>Indicate the total volume of intravenous human serum albumin fluids (of any concentration) administered by the cardiopulmonary perfusion team. The data should be recorded in milliliters. Enter zero if albumin not administered by perfusion team. There is continuing controversy as to the risks and benefits of liberal or restrictive intravenous fluid regimens. Record the total of all human serum albumin intravenous fluids given by the cardiopulmonary perfusion team. Albumin-containing fluids of all concentrations should be included. Do not record any blood products in this data field.</i>	text Field Annotation: v2.9 SeqNo. 7595						
1726	hemofilperf	Hemofiltration Volume Removed by Perfusion Team <i>Indicate the total volume of ultrafiltrate removed by the cardiopulmonary perfusion team during cardiopulmonary bypass and during modified ultra-hemofiltration post-CPB. Record the data in milliliters. Hemofiltration is used to concentrate the red blood cells and plasma proteins in the circulation during and immediately following CPB.</i>	text Field Annotation: v2.9 SeqNo. 7600						
1727	inotropweancpb	Inotropes used to wean from CPB <i>Indicate the usage of inotropic drug infusions to facilitate weaning from cardiopulmonary bypass. For this data field, any drug infusion with inotropic properties, including catecholamines, phosphodiesterase inhibitors, and calcium sensitizers, should be recorded. Inotropic drugs infusions are used routinely or as required in many cardiac surgical patients during the process of weaning from CPB. Record all usage of drugs with positive inotropic effect, including epinephrine, norepinephrine, dopamine, dobutamine, levosimendan, and milrinone.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7605	1	Yes	2	No		
1	Yes								
2	No								
1728	vasopweancpb	Vasopressors used to wean from CPB <i>Indicate the usage of vasoconstrictive drugs to facilitate weaning from cardiopulmonary bypass. For this data field, any drug infusion at a dosage range with clinically vasoconstrictive properties, including catecholamines and pure vasoconstrictors, should be recorded. Low systemic vascular resistance (a.k.a. vasoplegia) is a common condition during cardiopulmonary bypass that may be related to preoperative vasodilating drugs or certain antiarrhythmic drugs. Include purely vasoconstrictive drugs. Also record usage of drugs with inotropic effects that have vasoconstrictive properties in higher doses, such as dopamine and epinephrine.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7610	1	Yes	2	No		
1	Yes								
2	No								
1729	intraoppsttee	Intraoperative Post-procedure TEE Performed <i>Indicate whether intraoperative TEE was performed post-procedure.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7615	1	Yes	2	No		
1	Yes								
2	No								
1730	postsam	Systolic Anterior Motion of Mitral Valve <i>Indicate the presence of systolic anterior motion (SAM) of the mitral valve as determined by intraoperative transesophageal echocardiography prior to chest closure. Choose Yes for any SAM between weaning from CPB and chest closure.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> <tr> <td>3</td> <td>Not Assessed</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7620	1	Yes	2	No	3	Not Assessed
1	Yes								
2	No								
3	Not Assessed								

1731	retcpbech	Return to CPB for Echo-Related Diagnosis <i>Indicate whether surgical revision was performed based on post procedure intraoperative TEE.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7625	1	Yes	2	No
1	Yes						
2	No						
1732	postlvefmeas	Post-Procedure Left Ventricular Ejection Fraction Measured <i>Indicate whether left ventricular ejection fraction was measured post-procedure by intraoperative transesophageal echocardiography.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7630	1	Yes	2	No
1	Yes						
2	No						
1733	postlvef	Post-Procedure Left Ventricular Ejection Fraction Estimate <i>Indicate the post-procedure estimate of left ventricular ejection fraction determined by intraoperative transesophageal echocardiography. Enter a range of 1-99. If a percentage range is reported, report a whole number using the "mean" (i.e., 50-55% is reported as 53%). The following guideline is to be used when the EF is not documented as a percentage; but rather, the EF is documented using a word descriptor: Normal = 60% Good function = 50% Mildly reduced = 45% Fair function = 40% Moderately reduced = 30% Poor function = 25% Severely reduced = 20%</i>	text Field Annotation: v2.9 SeqNo. 7635				
1734	postrvfx	Post-Procedure Right Ventricular Function <i>Indicate the post-procedure estimate of RV function determined by intraoperative transesophageal echocardiography.</i>	text Field Annotation: v2.9 SeqNo. 7640				
1735	intracardarr	Intraoperative Cardiac Arrest Related To Anesthesia Care <i>Indicate whether there was a cardiac arrest related to anesthesia care</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7641	1	Yes	2	No
1	Yes						
2	No						
1736	ordeath	Patient Died Within The OR <i>Indicate whether the patient died within the OR.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7645	1	Yes	2	No
1	Yes						
2	No						
1737	posttempmeas	Core Temperature Upon Entry To ICU/PACU Measured <i>Indicate whether the core temperature was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7650	1	Yes	2	No
1	Yes						
2	No						
1738	postcoretemp	Core Temperature Upon Entry To ICU/PACU <i>Indicate the core temperature in degrees Centigrade upon initial arrival in the ICU/PACU following cardiac surgery. The intent is to capture the initial documented core temperature in the intensive care unit, as per the normal routine for core temperature monitoring in the ICU/PACU.</i>	text Field Annotation: v2.9 SeqNo. 7655				
1739	postinrmeas	Postoperative INR Measured <i>Indicate whether the International normalized ratio (INR) was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7660	1	Yes	2	No
1	Yes						
2	No						
1740	postinr	First Postoperative INR <i>Indicate the first international normalized ratio (INR) value upon initial arrival in the ICU/PACU following cardiac surgery. INR is the standard unit used to report the result of a prothrombin (PT) test. The hospital laboratory report should be accessed first when coding this variable. If this is unavailable, then additional source documents may be referenced for lab results.</i>	text Field Annotation: v2.9 SeqNo. 7665				
1741	postwbcmeas	WBC Upon Entry To ICU/PACU Measured <i>Indicate whether the white blood cell count was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>2</td><td>No</td></tr> </table> Field Annotation: v2.9 SeqNo. 7670	1	Yes	2	No
1	Yes						
2	No						

1742	postwbc	WBC Upon Entry To ICU/PACU <i>Indicate the first white blood cell count upon initial arrival in the ICU/PACU following cardiac surgery. White Blood Cells (leukocytes) are part of the body's immune defense and are often elevated in the presence of infection. The hospital laboratory report should be accessed first when coding this variable. If this is unavailable, then additional source documents may be referenced for lab results.</i>	text Field Annotation: v2.9 SeqNo. 7675				
1743	postpltmeas	Platelets Upon Entry To ICU/PACU Measured <i>Indicate whether the platelet count was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7680	1	Yes	2	No
1	Yes						
2	No						
1744	postplt	Platelets Upon Entry To ICU/PACU <i>Indicate the first platelet count upon initial arrival in the ICU/PACU following cardiac surgery. Platelets are a blood component instrumental in clot formation. The hospital laboratory report should be accessed first when coding this variable. If this is unavailable, then additional source documents may be referenced for lab results.</i>	text Field Annotation: v2.9 SeqNo. 7685				
1745	posthctmeas	Hematocrit Upon Entry To ICU/PACU Measured <i>Indicate whether the hematocrit value was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7690	1	Yes	2	No
1	Yes						
2	No						
1746	posthct	Hematocrit Upon Entry To ICU/PACU <i>Indicate the first hematocrit value upon initial arrival in the ICU/PACU following cardiac surgery. Hct, Hematocrit, is the proportion of red cells in the blood. The hospital laboratory report should be accessed first when coding this variable. If this is unavailable, then additional source documents may be referenced for lab results.</i>	text Field Annotation: v2.9 SeqNo. 7695				
1747	postfibrinmeas	Fibrinogen Upon Entry To ICU/PACU Measured <i>Indicate whether fibrinogen was measured upon entry to ICU/PACU</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7696	1	Yes	2	No
1	Yes						
2	No						
1748	postfibrin	Fibrinogen Upon Entry To ICU/PACU <i>Indicate the fibrinogen level upon entry to ICU/PACU</i>	text Field Annotation: v2.9 SeqNo. 7697				
1749	postlactmeas	Lactate Upon Entry To ICU/PACU Measured <i>Indicate whether the lactate value was measured upon initial arrival in the ICU/PACU following cardiac surgery.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7700	1	Yes	2	No
1	Yes						
2	No						
1750	postlact	Lactate Upon Entry To ICU/PACU <i>Indicate the value of lactate in mg/dl upon initial arrival in the ICU/PACU following cardiac surgery. Do not record missing data as a zero value. Serum lactate is a marker for the duration and severity of malperfusion during critical states. The magnitude of serum lactate has been associated with mortality and adverse outcomes.</i>	text Field Annotation: v2.9 SeqNo. 7705				
1751	dexpost	Postop Infusion: Dexmedetomidine <i>Indicate the use of dexmedetomidine infusion after surgery. Any use of dexmedetomidine infusion during the postoperative period, after transport to the ICU/PACU.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7710	1	Yes	2	No
1	Yes						
2	No						
1752	proppost	Postop Infusion: Propofol <i>Indicate the use of propofol infusion after surgery. Any use of a propofol infusion during the postoperative period, after transport to the ICU/PACU.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7715	1	Yes	2	No
1	Yes						
2	No						
1753	postopdel	Postoperative Delirium <i>Indicate whether the patient experienced postoperative delirium. Postoperative altered mental state such as loss of memory and cognitive ability, personality changes, inability to concentrate, or lethargy, without actual evidence of stroke or coma.</i>	radio <table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7720	1	Yes	2	No
1	Yes						
2	No						

1754	posthitanti	Heparin-Induced Thrombocytopenia (Postop Dx) <i>Indicate whether Heparin Induced Thrombocytopenia, HIT, is confirmed by antibody testing. Heparin induced thrombocytopenia (HIT) can be defined as any clinical event best explained by platelet factor 4 (PF4) heparin-reactive antibodies ('HIT antibodies') in a patient who is receiving, or who has recently received heparin. Thrombocytopenia is the most common 'event' in HIT and occurs in at least 90% of patients, depending upon the definition of thrombocytopenia. A very small proportion of patients with HIT develop thrombosis. Alternative (nonheparin) anticoagulant therapy reduces the risk of subsequent thrombosis.</i>	radio <table border="1" data-bbox="1042 109 1117 191"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>2</td> <td>No</td> </tr> </table> Field Annotation: v2.9 SeqNo. 7725	1	Yes	2	No																						
1	Yes																												
2	No																												
1755	painscorepod3	Pain Score POD #3 <i>Indicate the pain score on postoperative day #3 (Integer Rating Scale). Highest pain score on postoperative day #3 on the 0-10 integer scale, if recorded, or record score as missing.</i>	dropdown <table border="1" data-bbox="1042 348 1219 873"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> <tr><td>10</td><td>10</td></tr> <tr><td>11</td><td>Not recorded</td></tr> <tr><td>12</td><td>NA</td></tr> </table> Field Annotation: v2.9 SeqNo. 7730	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	Not recorded	12	NA
0	0																												
1	1																												
2	2																												
3	3																												
4	4																												
5	5																												
6	6																												
7	7																												
8	8																												
9	9																												
10	10																												
11	Not recorded																												
12	NA																												
1756	painscoredisch	Pain Score Hospital Discharge <i>Indicate the pain score on day of discharge (Integer Rating Scale). Highest pain score on day of discharge on the 0-10 integer scale, if recorded, or record score as missing.</i>	dropdown <table border="1" data-bbox="1042 970 1219 1495"> <tr><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td></tr> <tr><td>10</td><td>10</td></tr> <tr><td>11</td><td>Not recorded</td></tr> <tr><td>12</td><td>NA</td></tr> </table> Field Annotation: v2.9 SeqNo. 7730	0	0	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	Not recorded	12	NA
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1757	anesthesiology_complete	Section Header: <i>Form Status</i> Complete?	dropdown <table border="1" data-bbox="1042 1587 1190 1703"> <tr><td>0</td><td>Incomplete</td></tr> <tr><td>1</td><td>Unverified</td></tr> <tr><td>2</td><td>Complete</td></tr> </table>	0	Incomplete	1	Unverified	2	Complete																				
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