

STANFORD ROBOTIC SURGERY CURRICULUM OVERVIEW

In the era of modern surgery, our program feels that it is essential for General Surgery residents to gain a fundamental skill set in robotic surgery, even if robotic surgery ultimately is not part of their future practice.

Requirements:

- Phase 1 to be completed prior to end of PGY-1 year
- Phase 2 to be completed prior to end of PGY-2 year
- Phase 3 to be completed prior to graduation
- All components are mandatory

Simulator Access:

- Goodman Surgical Education Center
- VA Palo Alto OR

Certificate of da Vinci System Training for Residents and Fellows:

- The Stanford Robotic Surgery Curriculum parallels requirements for the Certificate.
- Please note that this certification facilitates hospital privileging in robotic surgery, so it is highly worthwhile to complete this prior to graduation.

Associate Program Directors, General Surgery Residency Program:

- Dr. Dana Lin, danalin@stanford.edu, APD of Curriculum
- Dr. Cara Liebert, cara.liebert@stanford.edu, APD of Assessment
- Dr. Lin or Dr. Liebert will write residents the required Letter of Verification from Program Director for the Training Certificate.

Robotic Surgery Curriculum Faculty Champions:

- Stanford: Dr. James Korndorffer, korndorffer@stanford.edu, (504) 450-2132
- VA: Dr. Cara Liebert, cara.liebert@stanford.edu, (650) 796-2641

Administrative Contacts:

- Goodman Surgical Education Center:
 - Robyn Foote, rfoote@stanford.edu
 - Marisol Rueda, marisol2@stanford.edu
- General Surgery Residency Coordinator:
 - Perteek Mohar, pgmohar9@stanford.edu

Questions?

- Contact Dr. Liebert at cara.liebert@stanford.edu or (650) 796-2641

STANFORD ROBOTIC SURGERY CURRICULUM CHECKLIST (2022-2023)

RESIDENT NAME: _____

PGY: _____

Phase 1: To be completed by end of PGY-1

Robotic Surgery Curriculum Orientation Session

*Date: 10/11/22

*Location: IR Conference Room/GSEC

da Vinci System Online Training Modules/Certificates

**Must be completed before attending In-Service Training Dry Lab*

*Davinci Surgery Community User Name: _____ Password: _____

Xi Multi-Port for Residents and Fellows (P8)

Xi/X Sureform Stapler (P8)

Xi/X Vessel Sealer (P8)

Xi Intraoperative Table Motion (P7,P8)

Email PDF of all four certificates to Perteek Mohar (pgmohar9@stanford.edu) and Robyn Foote (rfoote@stanford.edu)

Robotic Surgery In-Service Training Dry Lab (Spring 2023)

Phase 2: To be completed by end of PGY-2

Basic Simulator Tasks

**Accessed via DaVinci console simulator in Goodman Surgical Education Center or VA*

**Residents should achieve a score of 85% or above*

Simulator User Name: _____ Simulator PIN: _____

Category	Task	Score	Date Completed
Camera and Clutching	Camera Targeting 1		
Endowrist Manipulation 1	Peg Board 1		
Endowrist Manipulation 1	Peg Board 2		
Endowrist Manipulation 2	Ring and Rail 2		
Energy and Dissection	Energy Switching 1		
Energy and Dissection	Energy Switching 2		
Needle Control	Thread the Rings		
Needle Driving	Suture Sponge 1		

Email photos of completed simulator exercise score cards to Perteek Mohar (pgmohar9@stanford.edu) and Robyn Foote (rfoote@stanford.edu)

10 Bedside Assist Cases

Case #	Date	Procedure	Attending	Site/Rotation
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Email HIPAA-compliant list of 10 bedside assist cases to Perteek Mohar (pgmohar9@stanford.edu) and Robyn Foote (rfoote@stanford.edu) when complete

Phase 3: PGY-3-5 Senior Requirement (to be completed prior to graduation)

Advanced Simulator Tasks

**Accessed via Xi DaVinci console simulator at VA OR*

**Residents should achieve a score of 85% or above*

Simulator User Name: _____ Simulator PIN: _____

Category	Task	Score	Date Completed
Endowrist Manipulation	Three Arm Relay 1		
Endowrist Manipulation	Three Arm Relay 3		
Camera Control	30-degree Scope Swap		
Needle Driving	Suture Sponge 2		

- Email photos of completed simulator exercise score cards to Perteek Mohar (pgmohar9@stanford.edu) and Robyn Foote (rfoote@stanford.edu)

20 Console Cases

Case #	Date	Procedure	Attending	Site/Rotation
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

- Email HIPAA compliant list of 20 console cases to Perteek Mohar (pgmohar9@stanford.edu) and Robyn Foote (rfoote@stanford.edu) when complete

Certificate of da Vinci System Training for Residents and Fellows

- Once all requirements of this curriculum have been met, submit log of 10 Bedside Assist and 20 Console cases to Dr. Lin and Dr. Liebert who will write Letter of Verification

- Submit the following documents to Kevin Van Raden kevin.vanraden@intusurg.com (cc Dr. Liebert cara.liebert@stanford.edu and Residency generalsurgeryresidency@stanford.edu)**
- PDFs of Online Training Module Certificates
 - HIPAA compliant bedside assist and console case log with date, procedure, attending
 - Letter of Verification from Dr. Lin/Dr. Liebert
 - Name of Intuitive Representative: Kevin Van Raden kevin.vanraden@intusurg.com