

Stanford Computed Tomography
ECG-GATED CARDIOVASCULAR CT – WORKSHOP
Lucas Learning Center, Dept. of Radiology, Stanford University, June 6, 2009

08:00 Introduction (FLEISCHMANN)

Morning Session:

08:10 Cardiac, Coronary, and Thoracic Vascular Anatomy and Physiology (YOUNG)

08:30 HANDS ON: 2D, 3D and 4D Visualization of Cardiovascular Anatomy
(ROOS, YOUNG, FLEISCHMANN)

10:00 COFFEE BREAK (30 min)

10:30 Coronary CTA in the Emergency Room: Rationale and Indications
(PETROVITCH)

11:00 Technical Principles of ECG-gated CT and Radiation Dose Reduction.
(FLEISCHMANN)

11:45 Practical Cardiac CT: Beta-Blockers and Nitroglycerine for Coronary CT
(ROOS)

12:00 Practical Cardiac CT:
- Coronary CTA on the GE-VCT Scanner (DAMITS)
- Coronary CTA on the Siemens S64 (BIELER)
- Coronary CTA on the Siemens Dual Source (MOLVIN, ALKHADRA)
- Gated chest on the Siemens AS+ (EARLE, FLEISCHMANN)

13:00 LUNCH BREAK (1h 00min)

Afternoon Session:

14:00 Contrast Medium Administration: Principles for Cardiovascular CT
(FLEISCHMANN)

15:00 Pulmonary Embolism CT: The Role of the Technologist (MARSH, LIN)

15:45 Gated CT of the Chest: Clinical Role in Patients with Marfan's Syndrome
(FLEISCHMANN)

16:30 E N D

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