



CORONARY CT ANGIOGRAPHY

Feb. 19–21, 2010 • May 21–23, 2010
 Aug. 9–11, 2010 • Oct. 15–17, 2010

Course Director: Shawn D. Teague, MD

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Course Overview

This two-and-a-half-day course is designed to optimize your clinical practice skills by providing intense training in interpreting coronary CTA examinations under the supervision of expert faculty. Participants use workstations with the same vendor software as in their own practice and have access to over 150 cases. Most cases include clinical scenarios as well as coronary catheter angiography correlation. The course also covers technical considerations for obtaining optimal examinations for interpretation.

Program Objectives

At the conclusion of this conference, participants will be able to:

1. Identify normal cardiac anatomy, including coronary arteries, coronary veins, cardiac chambers, valves, and great vessels, as well as identify and describe the clinical importance of variant anatomy
2. Describe basic technical aspects of coronary CT, including prospective versus retrospective gating, single-cycle versus multicycle reconstruction, temporal resolution, spatial resolution, scan parameters, and contrast-injection techniques
3. Determine appropriate technique for administering beta blockers and nitroglycerin, with knowledge of absolute and relative contraindications
4. Identify and describe how to improve examinations with artifacts, such as cardiac arrhythmias, ECG misregistration, and poor breath hold
5. Describe the use of different post-processing techniques based on the appropriate clinical indication, including axial source images, multiplanar reconstructions, maximum intensity projections, and volume-rendered images

Attendees who interpret a minimum of 50 cases will be awarded a Certificate of Proficiency stating they meet the case requirement as specified in the ACR Practice Guideline for the Performance and Interpretation of Cardiac Computed Tomography.

**Earn up to 31.5 AMA PRA
 Category 1 Credits™
 and 4 SAM credits**

ACR Member Price: \$4,000

Night Before

6-7:30 p.m. Workstation Refresher Session

Day 1

7 a.m. Registration & Continental Breakfast
 8 a.m. Introduction
 8:10 a.m. Lecture: Overview of Cardiac MDCT Utilization and Image Acquisition
 9 a.m. Supervised Case Review Session #1
 10 a.m. **Break**
 10:15 a.m. Supervised Case Review Session #2
 11:45 a.m. Question and Answer Session
 Noon **Lunch**
 1 p.m. Supervised Case Review Session #3
 3 p.m. **Break**
 3:15 p.m. Supervised Case Review Session #4
 4:30 p.m. Question and Answer Session
 5 p.m. **Break**
 5:30 p.m. Optional Time for Self-Review of Cases
 10 p.m. ACR Education Center Closes

Day 2

7 a.m. Optional Time for Self-Review of Cases
 8 a.m. Lecture: How to Report a Cardiac CT
 8:30 a.m. Supervised Case Review Session #5
 10:15 a.m. Question and Answer Session
 10:30 a.m. **Break**
 10:45 a.m. Supervised Case Review Session #6
 Noon **Lunch**
 1 p.m. Supervised Case Review Session #7
 3 p.m. **Break**
 3:15 p.m. Supervised Case Review Session #8
 4:45 p.m. Question and Answer Session
 5 p.m. **Break**
 5:30 p.m. Optional Time for Self-Review of Cases
 10 p.m. ACR Education Center Closes

Day 3

7 a.m. Optional Time for Self-Review of Cases
 8 a.m. Supervised Case Review Session #9
 10:30 a.m. **Break**
 10:45 a.m. Supervised Case Review Session #10
 Noon **Lunch**
 1 p.m. Supervised Case Review Session #11
 3 p.m. Course Concludes

The American College of Radiology is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The American College of Radiology designates Coronary CT Angiography for a maximum of 31.5 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in these activities.

These courses were qualified by the American Board of Radiology in meeting the criteria for self-assessment towards the purpose of fulfilling requirements in the ABR Maintenance of Certification Program. The approval dates are as follows: Breast MR - July 13, 2009; CT Colonography and PET/CT - August 6, 2009; Coronary CT Angiography - November 5, 2009; Body MR - December 8, 2009.

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