

Cardiac CT Training Course

**Department of Radiology
The MetroHealth System
2500 MetroHealth Drive
Cleveland, Ohio 44109**

Location: Radiology and/or Rammelkamp Conference Center

February 23-24, 2007

March 16-17, 2007

April 20-21, 2007

May 04-05, 2007

June 22-23, 2007

July 28-29, 2007

Who Should Participate:

Radiologists, cardiologists, medical physicists, technologists, nurses and other health care professionals interested in knowledge of the principles of cardiac Computed Tomography (CT) and/or Magnetic Resonance Imaging (MRI) and their implementation in a clinical setting.

Learning Objectives:

Upon completion of this activity, participants will be able to:

1. Describe and implement Cardiovascular CT and MR Imaging techniques
2. Review the clinical indications for the newer CT and MR based angiographic techniques in the evaluation of vascular disease
3. Utilize cardiac CT techniques to evaluate cardiac anatomy and function
4. Utilize cardiac CT to evaluate coronary artery disease and myocardial viability
5. Assess basic imaging protocols for most clinical referrals
6. Discuss the basics of Cardiac CT and Coronary CTA Physics
7. Understand and implement Clinical Applications of Coronary CTA
8. Utilize 3D Workstations and Cardiac CT data to evaluate cardiac anatomy and function
9. Utilize cardiac CT to evaluate coronary artery disease
10. Understand radiations risks
11. Understand the importance of Atherosclerotic Plaque and Calcium Scoring

Agenda

Day #1: Friday

7:15-8:00 am	Registration and Breakfast
8:00-9:25 am	Welcome Introduction and Basics of Cardiac CT and Coronary CTA
9:40-10:20 am	Basic Physics of Cardiac CT and Coronary CTA
10:30-11:40 am	Lesion Severity Detection by CTA
11:40 am	LUNCH
12:15-2:15 pm	Workstation (3D) Teaching & Case Studies
2:15-2:30 pm	Break
2:30-5:00 pm	Workstation (3D) Teaching & Case Studies

Saturday

7:30 am	Breakfast
8:00 – 8:30 am	Calcium Scoring
8:30 –9:30 am	The Future: Imaging Plaque Burden
9:30- 9:45 am	Break
9:45-10:15 am	Radiation Safety
10:15 – 11:30 am	Correlation between X-ray angiography and CT
11:30-11:45 am	Discussion(s)
11:45 am	LUNCH
12:00-2:15 pm	Workstation (3D) Teaching & Case Studies
2:15-2:30 pm	Break
2:30-3:00 pm	Workstation (3D) Teaching & Case Studies

Faculty

Andre J. Duerinckx, MD, PhD

Director and Chairman
Department of Radiology
MetroHealth Medical Center

Additional Guest Faculty: TBA

CME Accreditation

The Case Western Reserve University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Case Western Reserve University School of Medicine designates this educational activity for a maximum of 15.0 *AMA PRA Category 1 credits*TM. Physicians should only claim credit commensurate with the extent of their participation in the activity.

CME Disclosure

The policy of the Case School of Medicine CME Program (Case) requires that the Activity Director, planning committee members and all activity faculty (that is, anyone in a position to control the content of the education activity) disclose to the activity participants all relevant financial relationships with commercial interests. Disclosure will be made to activity participants prior to the commencement of the activity. Case also requires that faculty make clinical recommendations based on the best available scientific evidence and that faculty identify any discussion of "off-label" or investigational use of pharmaceutical products or medical devices.

CEU -Pending- Category A ASRT Credit for participation in this Cardiac CT Course for CT Technologists. (Submitted for Approval by the ASRT)

For More Information

Call Course Coordinator Cindy Frederick:
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Back-up contact: Fran Foster:
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To register for the Cardiac CT Training Course go to
<http://www.duerinckx.com/CVI--RegFORM--COURSES.asp>

Visit our website at www.duerinckx.com for pricing, maximum class size, etc.