Course description:

Advances in CT technology enable non-invasive imaging of the heart with unparalleled speed and resolution. At the same time shorter scan times and sophisticated imaging technology make CT scan acquisition more complex and challenging to the user.
This 2-day practical course is devoted to cutting edge CT imaging of the heart with 64-slice and Dual-Source CT technology. The faculty is comprised of cardiovascular radiologists and cardiologists from the Medical University of South Carolina, one of the very first sites where cardiovascular 64-slice and Dual-Source CT had become available.
The course format is a combination of didactic lectures, introducing the technical principles and clinical applications of cardiac CT, and hands on training with live patient scanning and workstation use for 3D post-processing and dedicated cardiac applications. The course also includes ***50 mentored case interpretations*** towards ACR/ACC Level I/II credentialing.

Objectives:

At the conclusion of this course the participant will be able to:

- describe the technical principles of ECG-synchronized cardiac CT using 64-slice and Dual-Source CT technology
- utilize techniques and protocols for coronary calcium scoring, coronary CT angiography and general cardiac applications
- discuss the role of cutting edge CT for current and future cardiac CT applications
- understand the principles of cardiovascular CT image interpretation
- discuss billing and reimbursement strategies for cardiovascular CT
- fulfill ACR / ACC Level I cardiac CT credentialing requirements. If Level I has already been attained, the mentored review of 50 cases can be used towards ACC Level II credentialing.

Accreditation:

The Medical University of South Carolina is accredited by the Accreditation Council for Continuing Education (ACCME) to provide continuing medical education for physicians.

The Medical University of South Carolina designates this educational activity for a maximum of *16 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

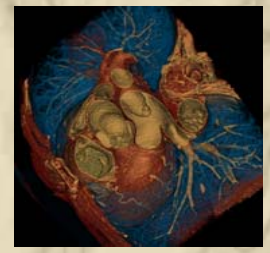
Refund Policy:

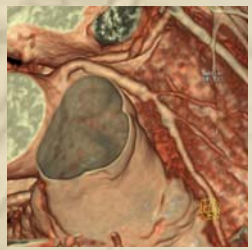
A handling fee of $100.00 is deducted for cancellation. Refund requests must be received by mail or fax, ten days prior to the course. No refunds will be made thereafter.

Course Location:

Sessions are held at the Department of Radiology and the Division of Cardiology at the Medical University of South Carolina, Charleston, SC.
A list of participating hotels will be provided upon request.

Course Coordinators:
Renee Arcilesi
843- 792-2633, arcilesi@musc.edu ,
Fax: 843-792-0409
Ginger Raulinaitis
843-792-4637, Fax: 843-792-5067





MUSC
MEDICAL UNIVERSITY OF SOUTH CAROLINA

The Charleston "Hands On" Course: 64-Slice and Dual-Source Cardiac CT

ACR / ACC - LEVEL I Training
Live Patient Scanning,
Workstation Training
and Mentored Case Review

2007 Dates:

September 13-14
October 18-19

Charleston, SC

Course Co-Directors:
U. Joseph Schoepf, MD
J. Bayne Selby, MD and
Peter L. Zwerner, MD

REGISTRATION FORM
Please print clearly

MUSC
MEDICAL UNIVERSITY OF SOUTH CAROLINA

Full Name:

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Degree:

_____

Mailing Address:

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Phone (_____)_____

Fax (_____)_____

E-Mail _____

_____ Check here if you wish to be excluded from receiving email notices of future MUSC CME programs

Professional School Attended

_____

Year of Graduation _____

Profession

_____

Specialty

_____

ABR Certified___Yes ___No

Organization Affiliation

_____

Workstation Preference

Siemens _____ **Vital** _____ **TeraRecon** _____

Mail to:
MUSC- Department of Radiology
Attention: Renee Arcilesi
169 Ashley Avenue, Room 265NT
PO Box 250322
Charleston, SC 29425

Online registration Available at
http://clinicaldepartments.musc.edu/radiology
Please click on "**Continuing Medical Education**"

(Unfortunately, we do not accept any credit cards at this time)

First Day –Thursday (8:45am-6:00pm)
Location 1225 Rutledge Tower

08.45 Coffee/Continental breakfast

08:55 Welcome / Introduction / Scope of the Course — Philip Costello, MD

09.00 Normal Coronary Arterial & Venous Anatomy — Philip Costello, MD

09:20 Coronary CTA: Image Acquisition & Interpretation — U. Joseph Schoepf, MD

10:00 Radiation Dose from Cardiac CT
Walter Huda, PhD

10:20 Assessment of Coronary Artery Calcification — Pamela Morris, MD

10:50 CT of the Heart: Indications
U. Joseph Schoepf, MD

11.20 CTA & Cardiac Catheterization
Peter L. Zwerner, MD

11.50 Extra Cardiac Findings
James Ravenel, MD

12:20 Lunch (1225 Rutledge Tower)

Live patient scanning (Robin Brothers, RT® CT) during the afternoon according to CT schedule

12.50 Workstation Training (Dr. Selby)
02:50 Break
03:00 Case Review (Dr. Schoepf)
04:30 Break
04:40 Case Review (Dr. Zwerner)
06:00 Adjourn

Second Day –Friday - (8:45am-6:00pm)
Location 1225 Rutledge Tower

08.45 Coffee/Continental breakfast

09:00 CTA of Coronary Artery Bypass Grafts and Stents — J. Bayne Selby, MD

09.30 Assessment of Left Ventricular Function with MDCT — U. Joseph Schoepf, MD

09:50 Pulmonary Vein Imaging
J. Bayne Selby, MD

10:10 CT for Acute Chest Pain
U. Joseph Schoepf, MD

10:30 Coding & Billing
J. Bayne Selby, MD

11:00 Workstation Training (Dr. Selby)

12:00 Lunch (1225 Rutledge Tower)

Live patient scanning (Robin Brothers, RT® CT) during the afternoon according to CT schedule

12:30 Workstation Training (Dr. Schoepf)
01:30 Case Review (Dr. Zwerner)
03:00 Break
03:10 Case Review (Dr. Selby)
04:50 Break
05:00 Case Review (Dr. Schoepf)
6:00 Adjourn

Note:

Presence during all case review sessions is required for ACR/ACC Level I credentialing.