University of Toronto
Advanced Imaging and Education Centre

CT Angiography and 3D Imaging

Upcoming Course Dates:

- *January 11 - 15, 2010*
- *February 8 - 12, 2010*

AIEC Highlights

- Small class sizes (maximum 12 students)
- Individual workstations
- Advanced visualization software
- Hands-on case manipulation
- Databank of more than 3000 cases including:
  - CT coronary angiography (64 and 320 row MDCT)
  - PET CT
  - Thoraco-abdominal and peripheral vascular CTA
  - Virtual colonography

To learn more about the U of T AIEC, visit:
http://medical-imaging.utoronto.ca/cme/aiec.htm

For more information, please contact:

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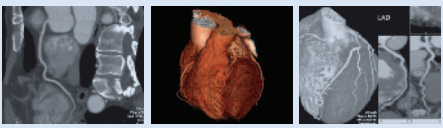

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About the AIEC

The University of Toronto Advanced Imaging and Education Centre (AIEC) is dedicated to providing the highest standard of quality education to students who will participate in advanced imaging workshops incorporating computed tomography courses in cardiac, neurological, abdominal, and vascular imaging. Selected highlights of AIEC courses to be offered include:

- Small class sizes (maximum 12 students)
- Individual workstations
- Advanced visualization software
- Hands-on case manipulation
- Databank of more than 3000 cases including:
  - CT coronary angiography (64 and 320 row MDCT)
  - PET CT
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Located in the hub of downtown Toronto, one of Canada's most dynamic and multicultural cities, the AIEC is close to everything the city has to offer. Filled with parks, shops, restaurants, and entertainment, Toronto boasts something for everyone including a vibrant waterfront, the Toronto Zoo, Ontario Science Centre, Art Gallery of Ontario, Royal Ontario Museum, live music and theatre, and so much more!

To learn more about the U of T AIEC, visit:
http://medical-imaging.utoronto.ca/cme/aiec.htm

University Health Network
Toronto General Hospital | Toronto Western Hospital | Princess Margaret Hospital

Faculty and Contact Information

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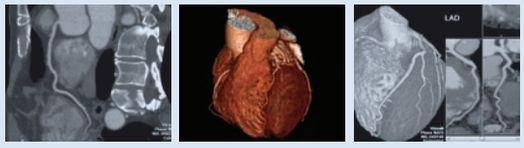
UNIVERSITY OF TORONTO
FACULTY OF MEDICINE

University of Toronto

Advanced Imaging and Education Centre

Providing a state of the art educational environment to teach advanced techniques in image manipulation and evaluation

CT Angiography and 3D Imaging



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Course Overview and Target Audience

Course Overview:

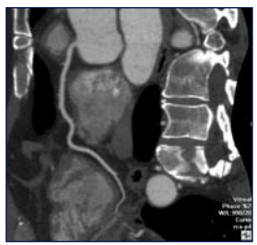
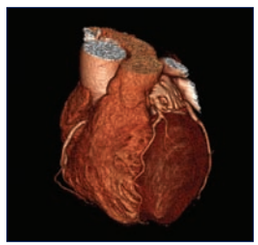
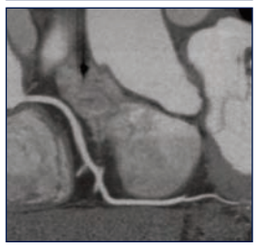
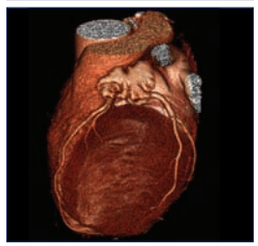
This intensive five day course is designed to provide a focused, comprehensive, and in-depth learning experience principally in CT coronary angiography with a ratio of one instructor to four students. The curriculum format assumes no prior knowledge and will accommodate trainees with varying levels of experience. Trainees will receive over six hours of personal workstation experience per day and progress through the ample caseload at a comfortable pace aimed to exceed the requirements for ACC Level 1 and ACC Level 2.

A unique educational environment has been created to provide an optimal learning experience. This course is run by friendly, experienced cardiac imagers with an extensive and established background in teaching cardiac imaging. The state of the art facility is set within the heart of Toronto General Hospital's medical imaging department, giving trainees access to three busy cardiac CT units (64 and 320 MDCT) and the opportunity to view live cases throughout the duration of the course.

The program will offer training on the TeraRecon Aquarius iNtuition.

Target Audience:

This course is intended for radiologists, cardiologists, fellows and residents interested in learning about cardiac CT.

Course Objectives

Course Objectives:

- Successful completion of requirements for ACC Level 1 and 2

Trainees will learn essential elements of cardiac CT including:

- Principles of CT physics and image acquisition relevant to cardiac imaging
- Technical requirements for cardiac CT
- Dose reduction techniques
- Setting up a cardiac CT practice, infrastructure requirements, patient preparation, patient scanning, data acquisition, processing, and post processing
- Artefact recognition and compensation
- Real time work-up of live cases

Topics Covered: Level 1 and 2:

- Cardiac anatomy
- Calcium score
- Post processing techniques
- CT coronary angiography
- Functional assessment
- CT pulmonary venography
- Non-cardiac findings
- CT physics
- Radiation dose
- Optimization of image quality
- Live cardiac CT demonstration using the Aquillion 320 CT
- Introduction to TeraRecon workstation 3D technology and buttonology
- Hands-on training and case review (at least 200 cases to reflect a broad spectrum of cardiac disease) as follows:
    - Calcium scores
    - Pulmonary veins
    - CT Coronary angiography
        - Normal variant
        - Congenital coronary disease
        - Single and multi vessel disease

Accreditation, Certification and Registration

Accreditation and Certification:

This course is held under the auspices of the Office of Continuing Education and Professional Development, Faculty of Medicine, University of Toronto and the University of Toronto Advanced Imaging and Education Centre.

This event is an Accredited Group Learning activity (section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada, approved by the University of Toronto (41.5 credits) and has also been approved as a Certificate of Completion Program – see: http://medical-imaging.utoronto.ca/cme/aiec/cta.htm for more details.

Registration:

Fee - The fee for this course is $7,500 and includes course material and daily continental breakfast. To register online, please visit: www.cepd.utoronto.ca – click on 'Register for a Course'. Courses will be listed according to start date. Discounted rates are available. Please see the AIEC website for details.

Cancellation Policy:

A $100 administrative fee will be retained if you cancel your registration for any reason. In order to receive a refund of the remainder of the balance, we must receive written notice two weeks before the beginning of the course; thereafter, no refunds will be made.

The University of Toronto reserves the right to cancel events. Registrants will be notified at the earliest possible date in the event of a cancellation. Tuition fees for events cancelled by the University will be refunded; however the University will not be liable for any loss, damages or other expenses that such cancellations may cause.