

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:
 - › Cardiac CT (64 and 320 row MDCT)
 - › PET CT
 - › Thoraco-abdominal and peripheral vascular CTA
 - › Virtual colonography

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!



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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

Cardiac CT and 3D Imaging



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

Course Overview and Target Audience

Course Overview:

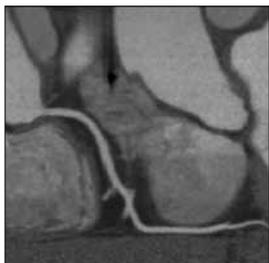
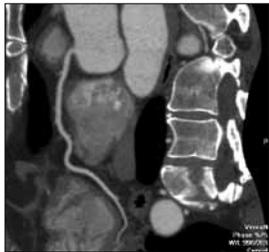
This intensive five day course is designed to provide a focused, comprehensive, and in-depth learning experience in CT coronary angiography with a ratio of one instructor to four students. The curriculum format assumes no prior knowledge and will accommodate trainees with varying levels of experience. 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 workstation requirements for SCCT 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 during the duration of the course.

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 workstation requirements for SCCT and ACC Level 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 to be covered: Level I 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 Aquilion 320 CT
- » Hands-on training and case review (over 150 cases) as follows:
 - » Calcium score
 - » CT coronary angiography
 - › Pulmonary veins
 - › Normal variant
 - › Image artifacts
 - › Abnormal single vessel
 - › Abnormal multi vessel

Accreditation, Certification and Registration

Accreditation and Certification

The office of Continuing Education and Professional Development, Faculty of Medicine, University of Toronto is an accredited provider for the Royal College of Physicians and Surgeons of Canada and the College of Family Physicians of Canada.

Certificates of Completion will be mailed directly to attendees on successful completion of Level II of the Cardiac CT and 3D Imaging course. To receive a certificate of completion, participants will be required to show competency through regular class participation and individual demonstration of skills during daily case review sessions.

Registration

Enrol early for this premiere educational experience.

Space is limited to 12 registrants on a first-come, first serve basis. The *fee is \$5625 for Physicians and \$1875 for medical imaging trainees and includes course materials, daily continental breakfast, and lunch.

*To be eligible for this fee Physicians must be members of CAR, OAR, CCS, SCCT, NASCI, ARRS, STR, RSNA or the Royal College of Physicians and Surgeons of Canada.

To register online and pay by VISA, MasterCard or American Express, please visit: www.cepd.utoronto.ca. Click on 'Register for Course' and enter event code: M1M0935 for Cardiac Level 1 and M1M0940 for Cardiac Level 2.

Note: for registration by fax or mail please contact the office of CEPD for a printable registration form.

For more information about the AIEC, course registration, and accommodation in the Toronto area, visit: <http://medical-imaging.utoronto.ca/cme/aiec.htm>

To learn more about the University of Toronto Department of Medical Imaging, visit: <http://medical-imaging.utoronto.ca>

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 by 2 weeks before 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.