

University of Toronto Advanced Imaging and Education Centre

Virtual Colonography

Upcoming Course Dates:

- *January 18 - 20, 2010*
- *February 3 - 5, 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:

Joanne Porter

Senior Project Analyst, Business Manager, AIEC

Joint Department of Medical Imaging

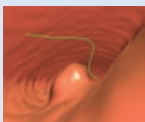
MSH, UHN, WCH

585 University Avenue

Toronto, ON M5G 2N2

416.340.4800 x 8921

joanne.porter@uhn.on.ca



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
 - 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!

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



Faculty and Contact Information

Faculty:

Dr. Tanya Chawla, MRCP, FRCR, FRCP(C)

Assistant Professor
 University of Toronto Department of Medical Imaging
 Staff Radiologist & Head of CT Colonography, Division of Abdominal Imaging
 Joint Department of Medical Imaging
 tchawla@mtsinai.on.ca

Dr. C.S. Ho, MBBS, FRCPC

Professor
 University of Toronto Department of Medical Imaging
 Staff Radiologist, Division Vascular and Interventional Radiology
 Joint Department of Medical Imaging
 chia.ho@uhn.on.ca

Dr. Nasir M. Jaffer, MD, FRCPC

Associate Professor
 University of Toronto Department of Medical Imaging
 Staff Radiologist, Division of Abdominal Imaging
 Joint Department of Medical Imaging
 njaffer@mtsinai.on.ca

Dr. Sangeet Ghai, MD, DNB, FRCR

Assistant Professor
 University of Toronto Department of Medical Imaging
 Staff Radiologist, Division of Abdominal Imaging
 Joint Department of Medical Imaging
 sangeet.ghai@uhn.on.ca

Dr. Patrik Rogalla, MD

Professor
 University of Toronto Department of Medical Imaging
 Staff Radiologist, Division of Abdominal and Cardiothoracic Imaging
 Joint Department of Medical Imaging
 patrik.rogalla@uhn.on.ca

For more information, please contact:

Joanne Porter

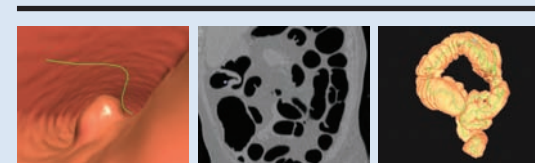
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University of Toronto Advanced Imaging and Education Centre

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

Virtual Colonography



Course Overview and Target Audience

Course Overview:

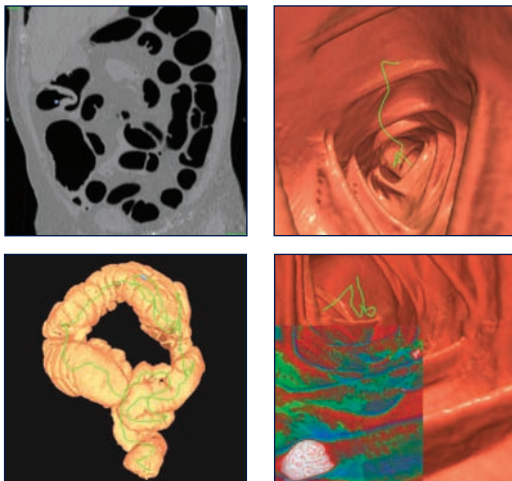
This three day course will enable students to acquire appropriate interpretation skills as well as a comprehensive and overall appreciation of the current issues facing virtual colonography, also referred to as virtual colonoscopy (VC).

The course emphasis is on image interpretation with completion of at least 50 path proven examinations by the third day. The program combines didactic presentations with significant hands-on experience in an intimate learning environment with a ratio of one instructor to every four students. You will learn to utilize specific 3D tools and recognize pitfalls that will result in reduction of both reading times and false positive findings. Other topics include effective patient preparation, colonic distension, extra colonic CT findings, and issues relating to setting up a screening program. Frequent question and answer sessions and the opportunity for interactive learning while working through cases will allow for immediate feedback on progress. By the conclusion of this course, students will know the essential components needed to run a successful VC screening program. This course also offers the experience of viewing live cases.

The program will offer training on the Viatronix V3D Colon Module.

Target Audience:

Radiologists, gastroenterologists, and CT technologists interested in conducting colorectal cancer screening with high quality VC.



Course Objectives



Course Objectives:

- Be able to implement the various components of a complete VC examination to acquire high quality examinations
- Effectively detect polyps
- Be aware of common pitfalls and problems associated with VC interpretation
- Have successfully completed the required number of cases as required for proficiency by the Canadian Association of Radiologists (CAR)
- Be aware of the role of CT colonography in colorectal screening

Topics Covered:

- Rationale for colorectal screening
- Introduction to CT colonography
- How to perform a CT colonography
- Patient preparation
- Prep-less techniques
- VC interpretation
- Image interpretation and pitfalls
- Extra colonic findings
- Standardized reporting system
- Flat lesions and their significance
- Computer aided detection and advanced techniques
- Review of clinical trials and current status of CT colonography
- Live virtual colonography demonstration
- Introduction to V3D workstation and buttonology
- Hands-on training and case review (over 50 cases)
- Other issues related to CTC screening
- Building and maintaining a program in Canada

Note: Cases will include normal, normal variants, polyps stratified by size and morphology, cancers, syndromes associated with colorectal disease as well as typical pitfalls and artefacts encountered when reading CTC.

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 (21 credits). See <http://medical-imaging.utoronto.ca/cme/aiec/vc.htm> for more details.

Registration:

Fee - The fee for this course is \$2,500 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 start 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.

