

The University of Toronto Department of Medical Imaging presents:

2ND ANNUAL PRACTICAL COURSE IN DIGITAL IMAGING AND TELERADIOLOGY CONNECTIVITY IN THE 21ST CENTURY

April 7-8, 2006

Women's College Hospital, 76 Grenville Street Toronto, Ontario

COURSE DESCRIPTION & OBJECTIVES

- The Department of Radiology at University of Toronto introduces its second CME session in digital imaging and image communication. The scope of this course is to update the participants dealing with medical images on the technologies they use in their practices, how it impacts their daily lives, present the current trends and answer questions they may have.
- The session will then give a view at the future of medical information communication and present state-of-the-art concepts in connectivity, including teleradiology.
- At the end of the meeting, participants will be more knowledgeable in digital imaging and connectivity and more confident in the technical choices they may have to do. They will have hopefully found the answers to some of their daily issues.

ACCREDITATION

- 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 (14 hours).
- Letters of attendance/accreditation are distributed at the end of the program. We do not routinely mail our accreditation letters. Should you forget to pick up your letters at the conference, please contact the CE office.

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SPEAKERS

Peter Bak, PhD, *Group Director, Clinical Programs, Canada Health Infoway*
Patrice Bret, MD FRCPC, *Professor, Head of Radiology at University Health Network, Toronto*
Eric Cohen, MD FRCPC, *Director, Cardiac Catheterization Laboratory, Sunnybrook & Women's College, Toronto*
Daniel Crivianu/Gaita, *Director of IT, Hospital for Sick Children, Toronto*
Masoom Haider, MD FRCPC, *Assistant Professor, Radiologist at University Health Network, Toronto*
Roberta Jong, MD FRCPC, *Associate Professor, Head Breast Imaging, Sunnybrook & Women's College, Toronto*
David Koff, MD, *Assistant Professor, Radiologist at Sunnybrook & Women's College, Toronto*
Cor Loef, PhD, IHE, *Philips Medical Systems*
Sam Marafioti, *Chief Privacy Officer, Sunnybrook & Women's College, Toronto*
Michael Noseworthy, PhD, *Assistant Professor, MRI Physicist, McMaster University, Hamilton*
Harry Shulman, MD FRCPC, *Professor, Chest Radiologist at Sunnybrook & Women's College, Toronto*
Andrew Volkening, *PACS Administrator Sunnybrook & Women's College, Toronto*

GUEST SPEAKER

Kathy Andriole, PhD, *Director of Imaging Informatics Center for Evidence-Based Imaging Brigham and Women's Hospital, Boston, MA*
Paul J. Chang, MD, *Director, Radiology Informatics University of Pittsburgh Medical Center, Professor, Diagnostic Radiology University of Pittsburgh School of Medicine*
Ramin Khorasani, MD, *Vice Chairman, Department of Radiology Director, Medical Imaging IT Director, Center for Evidence-Based Imaging Brigham and Women's Hospital, Boston, MA, Associate Professor of Radiology, Harvard Medical School*

COURSE CHAIRMAN

Walter Kucharczyk, MD, *Professor and Chair*

COURSE DIRECTOR

David Koff, MD, *Assistant Professor*

THE PROGRAM

Each presentation will include 10 minutes for questions from the audience

Friday, April 7th & Saturday April 8th, 2006

Registration and Breakfast: 7:30 AM to 8:15 AM

- Introduction – **Dr W. Kucharczyk**
- Monitors and Displays – **Dr H.Shulman**
- Voice Dictation and Speech Recognition – **A.Volkening**
- Useful Tools for Teaching in the Digital Imaging environment – **Dr M.Haider**
- PACS in Cardiology – **Dr E.Cohen**
- What You Should Know About Digital Mammography – **Dr R.Jong**
- Update on PACS Technology and Workflow Models – **Dr P.Chang**
- Transforming the Radiological Interpretation Process:
- Managing Data Overload – **Dr K.Andriole**
- Integrating the Healthcare Enterprise: An Update – **Dr C.Loef**
- e-Health in a LHIN Environment – **S.Marafioti**
- Diagnostic Imaging Domain Repository – Sharing Imaging Information in the Pan-Canadian EHR – **Dr P.Bak**
- Re-engineering Radiology for an Electronic World:
- Radiologist as Value Innovator – **Dr P.Chang**
- Evidence-based Medicine: Why, Why Now and How? A Radiologist Perspective – **Dr R.Khorasani**
- Advanced Processing in the Clinical Arena: Issues to Consider – **Dr K.Andriole**
- What Do You Want You RIS To Do? – **Dr P.Bret**
- IT Infrastructure Requirements for a Successful Teleradiology Program: A Case Example – **Dr R.Khorasani**
- Osirix from iPod to PACS – **Dr M.Noseworthy**
- Backup/Recovery for Clinical Systems – **D.Crivianu-Gaita**
- Evaluation of Lossy Compression for Medical Images: A Step Forward – **Dr D.Koff**

Disclosure

Speakers will be requested to disclose to the audience any real or apparent conflict of interest that may have a direct bearing on the subject matter of this program

FOR COURSE INFORMATION

For Course Information

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