UBC Radiology Conference
Vancouver Imaging Review: Head to Toe

presented by
Department of Radiology, University of British Columbia
September 18 - 21, 2014 (Thu - Sun)
Rosewood Hotel Georgia, 801 West Georgia Street
Vancouver, British Columbia, Canada

Thursday, September 18: ER/Trauma Imaging
Friday, September 19: Cardiac Imaging/MSK Imaging
Saturday, September 20: Dual Energy/CT Imaging/Neuro Imaging
Sunday, September 21: Abdominal Imaging

NEW: READ WITH THE EXPERTS!

Overview
The UBC Vancouver Imaging Review is designed to provide participants with the necessary tools to enhance their interpretation skills utilizing the latest imaging technologies including MR, MDCT, PET/CT, Ultrasound and Radiography. The lectures will review protocols, techniques, evidence-based literature, pearls and pitfalls to help participants improve their diagnostic accuracy in neuro, dual energy/CT, emergency/trauma, musculoskeletal, thoracic and cardiac imaging applications.

Target Audience
- Radiologists
- Medical Imaging Technologists
- Residents

Accreditation
- 24.0 MOC Section 1 credits
- Sonographers: ~ 20.0 CSDMS credits
- Technologists: ~ 20.0 CAMRT Category A credits

www.ubcradcme.com
How to Register

There are five easy ways to register for this conference:

**Online**
Using your credit card, you can register online with our secure server at: www.ubcradcme.com

**Phone**
Call us at 604-875-5101 to register using your VISA or MasterCard. Office hours are Monday - Friday, 8:30am - 4:30pm PST.

**Fax**
Complete and fax in the registration form included in this brochure to 604-875-5078.

**Email**
Email us at cpd.info@ubc.ca with all your contact details with reference to the UBC Radiology Course, and we will call you back to assist you.

**Mail**
Mail your registration form included in this brochure with cheque, money order (payable to UBC CPD), or credit card details to: UBC CPD 855 West 10th Ave, Vancouver BC, V5Z 1L7 Canada

General Information

**Venue & Accommodation**
Rosewood Hotel Georgia
801 West Georgia Street
Vancouver, BC, V6C 1P7

**Hotel Reservations**
Special conference rates starting at $250.00 CAD per night are offered to conference attendees, exclusive of taxes. Room reservations should be made directly with the hotel. Delegates must specify their affiliation with the VANCOUVER IMAGING REVIEW or the applicable group rate may not be extended. When booking a hotel room use group code: 091714VAN

All reservations must be made by August 18, 2014, as rooms will not be held beyond this date, except on a space available basis.

**Contact Hotel**
Telephone: 1-604-682-5566
Toll Free: 1-888-767-3966
Email: georgia.reservations@rosewoodhotels.com

**Parking**
Overnight guest parking is $42.00 CAD per day (24 hours), inclusive of tax.

**Vancouver, British Columbia**
Vancouver is one of the most beautiful cities in the world which is often described as a cosmopolitan and sophisticated city with a broad multi-cultural population. The city, surrounded by breathtaking views of the ocean and mountains, is home to Stanley Park, one of the largest in-city parks. You will find that world-class restaurants are abundant, and Victoria and Whistler are a short drive away if you wish to extend your stay beyond Vancouver. Visit: www.tourismvancouver.com for a complete guide.

**Conference Format**
The conference is a 4 day didactic lecture program. Individual day options are not offered to ensure those wanting to participate in the full program are accommodated in the limited space available.

Learning Objectives

- Review and optimize protocols, processing technique parameters, present diagnostic pearls and pitfalls for assessing neurological anatomy, function as they pertain to common cerebrovascular, spinal, sinonasal and tumour disease processes.

- Review and assess protocols, techniques and how to optimize protocol parameters with MR, MDCT, Ultrasound as it pertains to the musculoskeletal system and apply these principles to disease processes such as musculoskeletal tumours, infections, arthritis, internal joint derangement and sport related injuries.

- Review and evaluate current and new technological advances in thoracic and cardiac imaging and appropriate utilization of these imaging tools in assessing functional, anatomical information that is clinically relevant and being able to apply this knowledge effectively to daily clinical practice. Strategies will also be introduced to reduce radiation dose for cardiac assessment without compromising image quality.

- Review and apply current indications, protocols, imaging techniques such as magnetic resonance imaging, MDCT, Ultrasound, and present diagnostic pearls and pitfalls assisting in the evaluation of common abdominal disease processes.

- Review and assess current literature and how to optimize MDCT protocols and other imaging modalities to correctly manage emergency and trauma patients to ensure that the appropriate studies are performed in the correct order to minimize morbidity and mortality in the acute setting.

- Review imaging findings in emergency/ trauma conditions including patterns of cervical spinal injury, blunt vascular neck injury, pancreatic/duodenal trauma, acute chest pain, blunt abdominal trauma.
Conference Schedule

Thursday, September 18, 2014 - ER/TRAUMA IMAGING

7:30  Registration & Continental Breakfast
7:50  Opening Remarks/Housekeeping Announcements

ER/TRAUMA Imaging Moderator: Dr. Luck Louis

8:00  Emergency Radiology: Optimizing Care Delivery in a New Era  Dr. Stephen Ledbetter
8:30  Maxillofacial Trauma  Dr. Luck Louis
9:00  Acute Aortic Syndrome  Dr. Anne Chin
9:30  Non Traumatic Emergencies of the Spleen  Dr. Michael Patlas
10:00  Break - 30 minutes
10:30  Acetabular Fractures  Dr. Adnan Sheikh
11:00  MDCT for Penetrating Chest and Abdominal Injuries  Dr. Felipe Munera
11:30  Role of Abdominal MR in ED Patients  Dr. Tanya Chawla
12:00  Lunch - 1 hour (On Your Own)

ER/TRAUMA Imaging, Moderator: Dr. Michael Patlas

13:00  Radiology of Drug Smuggling  Dr. Ferco Berger
13:30  The Role of Whole Body MDCT in Severe Blunt Polytrauma  Dr. Felice Munera
13:50  Read with the Experts: The Polytrauma Scan  Dr. Felipe Munera
14:00  IT in the ED  Dr. Tim O’Connell
14:30  Pulmonary Embolism: Optimizing Approach to Imaging and Interpretation  Dr. Stephen Ledbetter
15:00  Break - 30 minutes
15:30  HRCT of Acute Lung Diseases  Dr. Ana-Maria Bilawich
16:00  Imaging of Blunt Vascular Neck Injuries  Dr. Savvas Nicolaou
16:30  Radiation Dose Management in the Acute Setting  Dr. Patrick McLaughlin
17:00  CT Imaging of Acute Chest Pain - 2014  Dr. Joseph Schoepf
17:30  Adjourn

Friday, September 19, 2014

7:30  Continental Breakfast
7:45  Interesting Cases Presented by the Fellows

Cardiac Imaging, Moderator: Dr. Jonathon Leipsic

8:00  Update Cardiac CT - State of the Art in 2014  Dr. Joseph Schoepf
8:30  Prognosis and Revascularization Guidance with FFRCT  Dr. Jonathon Leipsic
9:00  MDCT for Structural Heart Disease  Dr. Philipp Blank
9:30  Valvular Assessment with Cardiac CT  Dr. Darra Murphy
10:00  Break - 30 minutes
10:30  Extra Cardiac Findings of Prognostic Significance  Dr. Cameron Hague
11:00  Read with the Experts: Optimizing Diagnostic Accuracy with CCTA  Dr. Jonathon Leipsic
11:30  Cardiac CT Acquisition Techniques - How Low Can We Go?  Dr. Joseph Schoepf
12:00  Lunch - 1 hour (On Your Own)

MSC Imaging, Moderator: Dr. Peter Munk

13:00  MRI of the Shoulder: Rotator Cuff  Dr. Clyde Helms
13:30  Evaluation of the Soft Tissue Mass  Dr. Peter Munk
14:00  MRI of the Elbow: A Practical Approach  Dr. Hugue Ouellette
14:30  MRI of the Shoulder: Labrum and Pitfalls  Dr. Clyde Helms
15:00  Break - 30 minutes
15:30  Ultrasound of Sports Injuries: Diagnosis and Management  Dr. Mark Cresswell
16:00  Read with the Experts: Shoulder MR Arthrography  Dr. Bruce Forster
16:30  MRI of Chronic Lateral Ankle Pain  Dr. Clyde Helms

COCKTAIL RECEPTION

17:00  You and your guest are invited to join us at the Welcome Reception in the hotel, Please RSVP online or on the attached registration form.

Saturday, September 20, 2014

7:30  Continental Breakfast
7:45  Interesting Cases Presented by the Fellows

Dural Energy/CT Imaging, Moderator: Dr. Savvas Nicolaou

8:00  Introduction to Dual Energy/CT  Dr. Savvas Nicolaou
8:30  Basic Approach to the Physics of Dual Energy/CT  Dr. Bernhard Krauss
9:00  Update Dual Energy Technology  Dr. Bernhard Schmidt
9:30  Dual Energy From a Community Perspective  Dr. Kenneth Wong
10:00  Break - 30 minutes
10:30  Incorporating Abdominal Dual Energy/CT into your Busy Practice  Dr. Desiree Morgan
11:00  MSK Dual Energy CT Scan Applications  Dr. Hugue Ouellette
11:30  Image Based Processing for DECT  Dr. Bernhard Krauss
12:00  Lunch - 1 hour (On Your Own)

Neuro Imaging, Moderator: Dr. Jason Shewchuk

13:00  Intraparenchymal Hemorrhage: Algorithm for Work-up and Differential Diagnosis  Dr. Pamela Schaefer
13:30  Imaging of Hearing Loss  Dr. Jason Chew
14:00  Combobulating Neuroradiology - Common Errors  Dr. Jason Shewchuk
14:30  Break - 20 minutes
14:50  The Razor’s Edge: Lessons Learned in Interventional Neuroradiology  Dr. Manraj Heran
15:10  Read with the Experts: Optimizing Diagnostic Accuracy with CTA for Stroke Patients  Dr. Jason Shewchuk
15:40  Acute Stroke Imaging - Algorithm for Work-up and Differential Diagnosis  Dr. Pamela Schaefer
16:10  Adjourn

Sunday, September 21, 2014

7:30  Continental Breakfast
7:45  Interesting Cases Presented by the Fellows

8:00  Intros and Welcome for Dr. Cooperberg Lecture

Abdominal Imaging, Moderator: Dr. Silvia Chang

8:15  Happiness at Work: Transforming Your Life for Good  Dr. Patrice Bret, The Peter Cooperberg Lecture
8:50  Testicular Malignancy: The Role of Imaging  Dr. Colin Mar
9:25  Solid Pancreatic Neoplasms - What The Surgeon Needs to Know!  Dr. Alison Harris
10:00  Break - 15 minutes
10:15  Trust In The Success (or Lack of) Clinical and Academic Departments  Dr. Patrice Bret
10:50  Read with the Experts: MRI of the Liver (with Primovist)  Dr. Silvia Chang
11:25  Imaging of Non-Traumatic Peritoneal and Mesenteric Emergencies  Dr. Michael Patlas
12:00  Adjourn
Accreditation

The University of British Columbia Division of Continuing Professional Development (UBC CPD) is fully accredited by the Committee on Accreditation of Continuing Medical Education (CACME) to provide study credits for continuing medical education for physicians. This program has been reviewed and approved by the UBC Division of Continuing Professional Development. This program is an Accredited Group Learning Activity eligible for up to 24.0 MOC Section 1 credits as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada. This program is also accredited for ~ 20.0 Category A credits by both, The Canadian Association of Medical Radiation Technologists and The Canadian Society of Diagnostic Medical Sonographers. Attendees should only claim credits commensurate with the extent of their participation in the activity.

Organizing Committee - UBC Dept. of Radiology

Chair: Savvas Nicolaou, MD, FRCPC
Associate Professor, UBC, Conference Chair and Vice Chair, CPD and Head, Emergency and Trauma Imaging, VGH

Silvia Chang, MD, FRCPC
Associate Professor, UBC, Director, Radiology Residency Program

Jonathon Leipsic, MD, FRCPC
Assistant Professor, Vice-Chair, Research, UBC Head, Department of Radiology Providence Health Care

Lindsay Maxwell
Technologist, VGH

Peter Munk, MD, CM, FRCPC, FSIR
Professor, UBC, Head, Section of Musculoskeletal Imaging, VGH

Michael Patlas, MD
Associate Professor, Director, Division of Emergency/Trauma Imaging, McMaster University

Jason Shewchuk, MD, FRCPC
Clinical Assistant Professor, UBC

Participating Faculty

Ferco Berger, MD
Academic Medical Centre, University of Amsterdam

Ana-Maria Bilawich, MD, FRCPC
Clinical Assistant Professor, UBC

Philipp Blanke, MD
University Hospital Freiburg

Silvia Chang, MD, FRCPC
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Associate Professor, Harvard Medical School, Clinical Director of MRI & Associate Director of Neuroradiology, Massachusetts General Hospital

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Professor of Radiology and Cardiology, Director, CT Research & Development, Medical University of South Carolina

Patrice Bret, MD
Professor of Radiology, Abdominal Imaging, University of Toronto

Clyde Helms, MD
Professor of Radiology & Orthopaedic Surgery, Dept of Musculoskeletal Imaging, School of Medicine, Duke University

Stephen Ledbetter, MD, MPH
Chief of Radiology, Brigham and Women’s Faulkner Hospital, Assistant Professor, Harvard Medical School

Guest Faculty

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SPACE IS LIMITED
A confirmation of registration and purchase receipt will be provided electronically.

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Registration Form
Contact Details
☐ DR. ☐ MR. ☐ MS. ☐ MRS. (PLEASE CHECK ONE)
FIRST NAME
LAST NAME
MAILING ADDRESS
CITY PROVINCE/STATE
POSTAL OR ZIP CODE COUNTRY
TELEPHONE FAX
EMAIL *REQUIRED*

Registration Type
PLEASE INDICATE
☐ Radiologist ☐ Technologist ☐ Resident ☐ Fellow
☐ Other

Syllabus Format
PLEASE CHOOSE ONE
☐ USB ☐ Dropbox

Welcome Cocktail Reception RSVP (Fri Sep 19, 1700 - 1900)
PLEASE INDICATE
☐ I will be attending
☐ I will be bringing a guest

One Day Symposium - Thu Sep 18, 2014
EMERGENCY AND TRAUMA IMAGING
PLEASE INDICATE
☐ I will be attending (free for registered delegates)
☐ I will not be attending
☐ I ONLY WISH to attend the symposium ($550 registration fee)

Registration Fees (in Canadian dollars)
Save $10 on all fees by registering online

Radiologists
☐ Prior to August 18, 2014 $905 ($895 online)
☐ After August 18, 2014 $1250 ($1240 online)

Residents, Fellows, Technologists
☐ Prior to August 18, 2014 $505 ($495 online)
☐ After August 18, 2014 $605 ($595 online)

Residents and Fellows are required to provide a letter from their Program Director confirming their status.

Cancellation Policy
Should you need to cancel your registration, you must do so in writing to cpd.info@ubc.ca before August 18, 2014. Your registration fee, less a $100 handling charge, will be refunded. After August 18, 2014, no refunds will be granted for withdrawal unless a replacement can be secured by the registrant; however, the handling charge will still apply.
The Department of Radiology and the Division of Continuing Professional Development reserves the right to cancel a course thirty (30) days prior to the course date. Each registrant will be notified by telephone, followed by a written notification and a full refund. The University of British Columbia is not responsible for any costs, including, but not limited to, airline or hotel penalties.

Payment
☐ VISA ☐ MASTERCARD ☐ CHEQUE ENCLOSED (PAYABLE TO UBC CPD)

CREDIT CARD NUMBER

EXPIRY DATE

NAME OF CARDHOLDER

$ AUTHORIZED AMOUNT SIGNATURE

Only forms accompanied by full payment will be processed. To ensure course materials are ready for you at the conference, your registration must be received by 4:00pm on September 12, 2014.

Special Needs and Dietary Restrictions
The venue is wheelchair accessible. Vegetarian options will be provided at meals. Please indicate any other special needs:
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THURSDAY SEPTEMBER 18, 2014:
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EMERGENCY & TRAUMA IMAGING

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