OAR CME
Leading the way for DI learning

CBMD

Live Webcast Brochure
Sunday, October 6, 2019

OAR 2nd CBMD Advanced ADT "Case Study" Course

Course Director: David Lyons, MD FRCPC —*OAR CBMD Medical Director, Facility Accreditation and Continuing Medical Education Accreditation Programming*

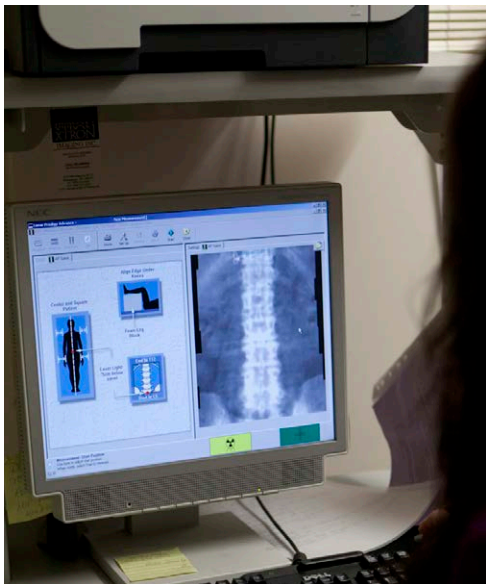
"This course will be of interest to technologists who have already earned their 5-year Accredited Densitometry Technologist (ADT) Designation."

CAMRT ACTRM

*The Canadian Association of Medical Radiation Technologists has approved **9 Category "A" credits** for full 1-day attendance/participation of this CME event, and is recognized by the CAMRT's provincial organizations and the American Registry of Radiologic Technologists (ARRT). Registrants can earn an **additional 3 Category "A" credits** by completing and returning an Optional Reflective Assignment.*

This course is designed for technologists who wish to enhance their understanding of the Canadian Association of Radiologists Guidelines for the performance and reporting of Bone Mineral Densitometry and how these are used to achieve standardization in reporting of examination results, and for those who wish to enhance their individual performance in providing BMD services and to ensure the highest level of QA/QC standards in their departments.

New cases and enhanced content have been added to this one-day intense case-study course during which participants will work through 5 hours of case presentations and 2 hours of interactive quizzes.



Overall Course Objectives:

At the end of this event, participants should be able to:

- Apply to their daily practice, the appropriate quality control and quality assurance protocols that will ensure accuracy in the acquisition and analysis of BMD data
- Apply to their daily practice, positioning techniques and scan acquisition "tips and tricks" for unusual and difficult adult and paediatric cases
- Have an understanding of the critical role of the imaging physician in monitoring the technologist's performance of DXA
- Identify, review and discuss the critical elements of the bone density report and have an understanding of the critical importance of implementing the Canadian Association of Radiologists Guidelines for the performance and reporting of Bone Mineral Densitometry
- Review and discuss how radiologists and nuclear medicine physicians use the CAR guidelines to determine diagnostic category
- Review and discuss how radiologists and nuclear medicine physicians use the CAR guidelines to determine 10-year absolute fracture risk
- Have an understanding of the importance of precision and how radiologists and nuclear medicine physicians use the CAR guidelines to achieve the proper application of the facilities Least Significant Change (LSC) in follow-up scans to monitor changes in BMD
- Explain how the CAR guidelines can be used to avoid pitfalls in the reporting of DXA to facilitate BMD reports that are accurate, easier to read and understand, and which provide the referring physician with a better understanding of the patient's bone health

SCHEDULE: Sunday, October 6, 2019

07:00 – 07:30	**Registration & Hot Breakfast**
07:30 – 07:40	**Welcome, Opening Remarks** *Dr. Giuseppe Tarulli*
07:40 – 08:00	**Facility Accreditation (How are we doing?)** *Ms. Karen Lamadeleine*
08:00 – 08:30	**Interactive Quiz on DXA Scanners, Quality Control and more** *Dr. Peter Raaphorst*
08:30 – 09:00	**Interactive Quiz on Equipment Changes, Radiation Safety and more** *Dr. Peter Raaphorst*
09:00 – 09:30	**Interactive Quiz on Technical Pitfalls** *Ms. Karen Lamadeleine and Ms. Carrie Orr-Lusk*
09:30 – 10:00	**Interactive Quiz on Pædiatric BMD** *Ms. Mandy Kohli*
10:00 – 10:15	**Morning Break**
10:15 – 10:45	**The CAR Guidelines for Bone Densitometry Reporting** *Dr. Nimu Ganguli*
10:45 – 11:15	**What is a Fragility Fracture?** *Dr. Ian Hammond*
11:15 – 11:45	**Case Presentations** *Dr. David Lyons*
11:45 – 12:15	**Case Presentations** *Dr. Nimu Ganguli*
12:15 – 12:30	**Q & A**
12:30 – 12:45	**Lunch**
12:45 – 13:15	**Case Presentations** *Dr. Ian Hammond*
13:15 – 13:45	**Case Presentations** *Dr. David Lyons*
13:45 – 14:15	**Case Presentations** *Dr. Nimu Ganguli*
14:15 – 14:45	**Case Presentations** *Dr. Ian Hammond*
14:45 – 15:15	**Case Presentations** *Dr. David Lyons*
15:15 – 15:30	**Afternoon Break**
15:30 – 16:00	**Case Presentations** *Dr. Nimu Ganguli*
16:00 – 17:00	**Case Presentations** *Dr. David Lyons*
17:00 – 17:15	**Panel Discussion – All speakers (to answer submitted questions)**

Note: *Participants will be asked to submit written questions, however, there will still be one-on-one questions in the Q & A Sessions, which are also to be used to ensure that all webcast questions are answered in a timely fashion and not left to the end of the day.*

Course Director

David Lyons, MD, FRCPC

OAR Medical Director, Facility Accreditation and OAR Medical Advisor, Continuing Medical Education Accreditation Programming

Dr. David Lyons received his medical degree at Queens University at Kingston and training in diagnostic imaging at Toronto General Hospital, University of Toronto.

Dr. Lyons is the medical director for the Ontario Association of Radiologists' CBMD Facility Accreditation Program and a member of the medical advisory committee for that program.

As a radiologist involved in the reporting of DXA scans, he has a special interest in, and is a strong advocate for, quality assurance and quality control in the performance and reporting of Bone Mineral Densitometry.

He represented the CAR/OAR on the Osteoporosis Canada panel leading to the CAROC 2005 recommendations, which introduced the concept of 10-year absolute risk for fracture risk prediction, and later was the OAR representative on the panel updating fracture risk assessment to the CAROC 2010 fracture risk assessment tool.

Dr. Lyons pioneered the CBMD Facility Accreditation Program and has played a vital role in the OAR's continuing medical educational courses (CME) to support the Facility Accreditation Program.

Recognizing that technologists form the backbone of the accreditation process, he was instrumental in the development of continuing education programs for technologists and was responsible for developing the Accredited Densitometry Technologist (ADT) recognition for technologists who successfully complete an examination targeted to the accreditation process, and maintain continuing educational requirements set forth in the CBMD policies and procedures for accreditation.

Dr. Lyons has also promoted standardization in BMD reporting with development of a Report Builder workstation course that has been instrumental in supporting reporting physicians in achieving quality BMD reports required for Facility Accreditation.

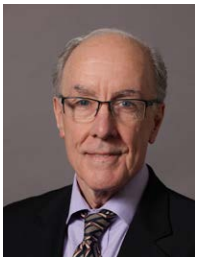
Speakers

S. Nimu Ganguli, MD, FRCPC, ABNM

Dr. Ganguli is Director of Nuclear Medicine, William Osler Health Centre and Brampton Civic Hospital and is an Adjunct Lecturer, Department of Medical Imaging, University of Toronto. Previously he spent seven and one-half years as Site Director of Diagnostic Medical Imaging for the Brampton Civic Hospital.

Dr. Ganguli is a former member of the Canadian Association of Radiologists Board of Directors, a position he held for seven years. While with the CAR, he served on the CAR Board working group and was one of the authors of the national CAR Technical Standards for Bone Mineral Densitometry Reporting 2013. He also worked with Osteoporosis Canada on a Care Gap paper for assessing fractures on chest x-rays and other imaging studies that may relate to undiagnosed Osteoporosis.

An avid proponent for facility accreditation, Dr. Ganguli is responsible for achieving OAR CBMD Facility Accreditation for two Independent Health Facilities (IHF sites) and one hospital.

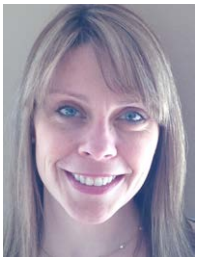


Ian Hammond, MD, FRCPC

Dr. Hammond is a staff radiologist at the Ottawa Hospital and Professor of Radiology at the University of Ottawa. He also practises at a number of community hospitals in the Ottawa Valley, reporting BMD at Winchester, Arnprior, Renfrew, and Barry's Bay.

Dr. Hammond is a recent past member of the Ontario Association of Radiologists' Board of Directors and a past President, and Gold Medal Winner of the Canadian Association of Radiologists. He has been President of the Canadian Radiological Foundation since 2011.

Speakers



Mandy Kohli, MRT (N), BASc, ADT

Mandy Kohli is a Nuclear Medicine Technologist at the Hospital for Sick Children in Toronto. She is a graduate of the Michener Institute for Applied Health Sciences and received her Bachelor of Applied Science (Nuclear Medicine Technology) from Charles Sturt University. Ms. Kohli has worked at SickKids for 22 years and has been the Clinical Coordinator and the Charge Technologist for the BMD program for the last 11 years. As BMD Charge Technologist, Mandy is responsible for providing and overseeing all education for both students and staff and has implemented and sustained the BMD accreditation program. She has a keen interest in BMD research and was the primary investigator for a retrospective study comparing lateral DXA to radiography and a co-author in a study looking at the Influence of chronic recurrent multifocal osteomyelitis (CRMO) on densitometry measurements obtained by dual x-ray absorptiometry.

Karen Lamadeleine, MRT (R), BA, CBDT, ADT

Karen Lamadeleine has enjoyed a career as a Medical Radiation Technologist for more than 20 years and currently works at the Deep River and District Hospital. She is an Accredited Densitometry Technologist (ADT) and has been working with the Ontario Association of Radiologists since 2012 as a consulting technologist for the CBMD Facility Accreditation Program and the ADT Program. Ms. Lamadeleine also has a degree in Gerontology from McMaster University.

Carrie Orr-Lusk, MRT (R), ADT

Carrie Orr-Lusk has worked at Wentworth Halton X-ray and Ultrasound for 27 years performing general x-ray and mammograms. In 1999 she began performing BMD examinations. Ms. Orr-Lusk is responsible for QC and training within Wentworth Halton X-ray and Ultrasound.

She has worked exclusively with Hologic systems and has joined the CBMD CME faculty to provide advice to MRTs working with Hologic equipment.

Ms. Orr-Lusk earned her Accredited Bone Mineral Densitometrist designation when it was first introduced by the OAR CBMD Facility Accreditation Program and CME in 2010.

Peter Raaphorst, Phd, FCCPM, PPhys

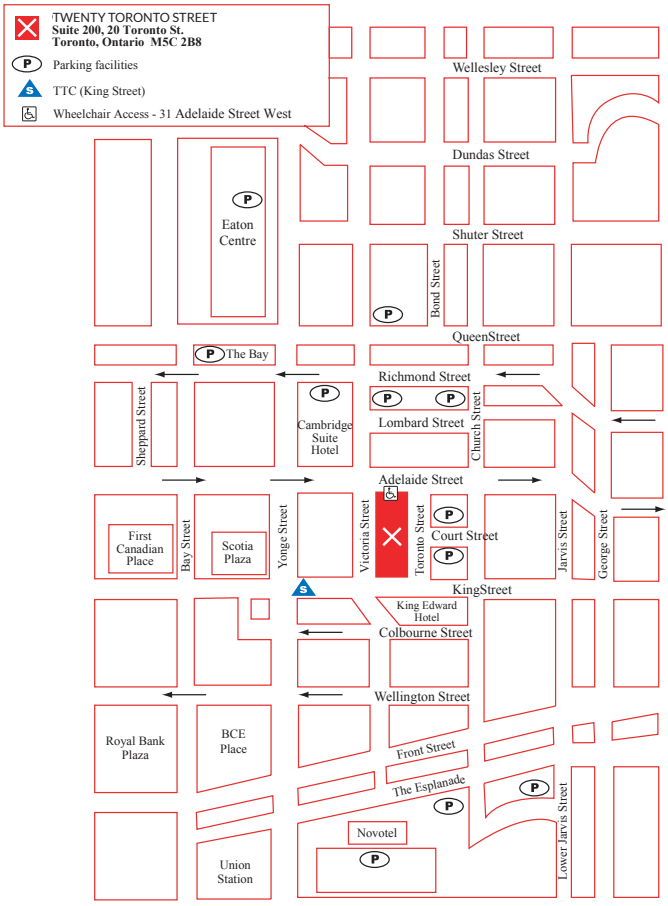
Dr. Raaphorst is Professor of Physics, Carleton University; Professor of Radiology, Faculty of Medicine, University of Ottawa; Consulting Physicist Ontario Breast Screening Program and; Senior Consulting Physicist, OAR CBMD Facility Accreditation Program.

He is a Research Scientist engaged in biological sciences and in physics. His medical physics skills include radiotherapy, radiological imaging, quality assurance and radiation safety.

Dr. Raaphorst manages the CBMD Medical Physicists Program and has been a driving force behind ongoing CBMD policy and course development since the program began in 2007.

OPPORTUNITY TO EARN ADDITIONAL CATEGORY "A" CREDITS

All course participants have the opportunity to earn an additional three (3) category A Credits by completing and returning an Optional Reflective Assignment.
Each registrant will receive a copy of the assignment along with their syllabus material. The assignment is strictly optional, but must be completed within two weeks and emailed to the OAR office in order to receive the additional CME certificate for three category "A" Credits.



Location:

Twenty Toronto Street
Conferences and Events
20 Toronto Street
2nd Floor
Downtown Toronto

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LIVE WEBCAST BROCHURE

Sunday, October 6, 2019

REGISTRATION

Includes electronic course materials

Technologists ***$350*** *(before September 11, 2019)*
$400 *(after September 11, 2019)*

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Please note that online registration for all OAR CME events is available at:

http://oarinfo.ca/cme

Access to archived versions of the CME program will be made available to all CME participants. Two archived formats will be available. Participants can choose to access the entire event or access the program on a lecture-by-lecture basis.

Instructions on how to access the archived CME program will be e-mailed to all participants (live program and webcast of the live program) as soon as they are available.

Archived versions of the CME are usually available within 7 to 14 days of the live event.

Cancellation policy:
For OAR members, if cancellation to this event is necessary, please contact the OAR office for assistance. For non-members, a refund will be made less a $50 processing fee, if cancellation is received in writing two weeks prior to the CME event date. No refunds will be given within two weeks of the CME event. Delegates may substitute an alternate attendee. Please advise the OAR if any changes are made. The OAR reserves the right to cancel or move the conference should it become necessary. In this case, each registrant will be notified by telephone or e-mail and a full refund will be given. Therefore it is important that you provide us with an e-mail address and phone number. The OAR is not responsible for any other costs incurred.