

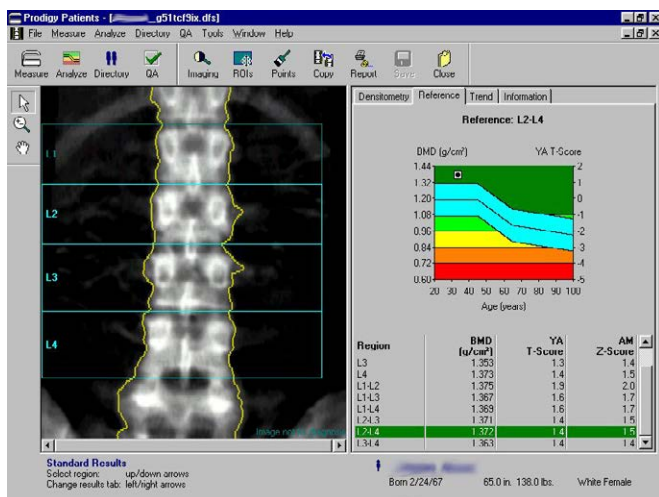
**Sunday, June 9, 2019**

Also offered Saturday, June 8, 2019

## OAR Canadian Bone Mineral Densitometry Physician Workstation CME 2019

**Course Director: Dr. David Lyons**

“This course will be of interest to Radiologists and other physicians reporting BMD.”



### Course Objectives:

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

**Apply the OAR Canadian Bone Mineral Densitometry Reporting Standard to produce consistent BMD reports**

- Discuss the critical importance of implementing the Canadian Association of Radiologists Technical Standards for Bone Mineral Densitometry Reporting 2013 to achieve standardization in reporting of examination results
- Explain how to use the CAR guidelines to avoid pitfalls in the reporting of DXA
- Explain the critical importance of accreditation 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
- Review and discuss how to use the CAR guidelines in the reporting of diagnostic category and 10-year absolute fracture risk, with emphasis on the appropriate use of NHANES III white female database for fracture risk determination
- Review and discuss the critical role of the imaging physician in monitoring the technologist's performance of DXA
- Discuss the vital role of the medical physicist and assess and relate the importance of precision and apply the concept of least significant change (LSC) in determining the validity of any interval change in bone mass that may occur with changes in the patient's health status, or as a response to treatment
  - *The CanMeds role being addressed in this course is medical expert.*



# SCHEDULE

07:00 - 07:30	<b>Registration &amp; Hot Breakfast</b>
07:30 - 07:40	<b>Welcome &amp; Mission Statement CBMD Facility Accreditation</b>
07:40 - 08:20	<b>The Medical Physicist is Your Friend as a Necessary Member of Your Quality Control Team</b> <i>Dr. Peter Raaphorst</i>
08:20 - 08:50	<b>The Criteria for CBMD Accreditation Report Assessment</b> <i>Dr. Ian Hammond</i>
08:50 - 09:20	<b>Review of Key Features of the Report Builder Tool with Case Studies</b> <i>Dr. David Lyons</i>
09:20 - 09:30	<b>Q&amp;A</b>
09:30 - 09:45	<b>Morning Break</b>
09:45 - 10:25	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. Ian Hammond</i>
10:25 - 11:05	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. Nimu Ganguli</i>
11:05 - 11:45	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. David Lyons</i>
11:45 - 12:25	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. Nimu Ganguli</i>
12:25 - 13:10	<b>Lunch</b>
13:10 - 13:50	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. Ian Hammond</i>
13:50 - 14:30	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. Nimu Ganguli</i>
14:30 - 15:10	<b>Workstation Case Studies with Q&amp;A (using ARS)</b> <i>Dr. David Lyons</i>
15:10 - 15:25	<b>Afternoon Break</b>
15:25 - 15:45	<b>Panel Discussion and Answers to submitted questions</b> <i>All Speakers</i>
15:45 - 16:00	<b>Proficiency Exam Instructions</b>
16:00 - 17:30	<b>Elective Examination for Recognition of Achieving CBMD Reporting Standard</b>

This program was developed in response to past OAR CME Evaluation Form Summaries and specific requests to the OAR office, previous results from ARS responses, and specific requests to the OAR office for additional CBMD programming for radiologists, and other physicians regarding BMD.

**Note:** Each of the speakers in the Workstation Case Review sessions will be working with participants using the OAR CBMD reporting standard (on their individual workstations) to build reports using a report builder program developed specifically for the CBMD physician courses, based on the OAR CBMD Report Standard.

Case studies will emphasize the CAROC 2010 criteria for the determination of 10-year absolute fracture risk. The case studies will utilize the “Canadian Association of Radiologists Technical Standards for Bone Mineral Densitometry Reporting”, Siminoski et al, CARJ 64 (2013) 281-294 to address a wide range of clinical situations.

Emphasis will also be placed on the appropriate use of NHANES III white female database for fracture risk determination.

## 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.



### **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 practices 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 was President of the Canadian Radiological Foundation 2011-2018.



### **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.

## **OPTIONAL CBMD REPORTING PROFICIENCY EXAM**

A proficiency exam to earn a certificate demonstrating proficiency in BMD reporting as per the Canadian Association of Radiologists (CAR) Technical Standards for Bone Mineral Densitometry Reporting 2013 has been developed following repeated requests from radiologists and other physicians reporting BMD who have participated in past OAR CBMD CME programs.

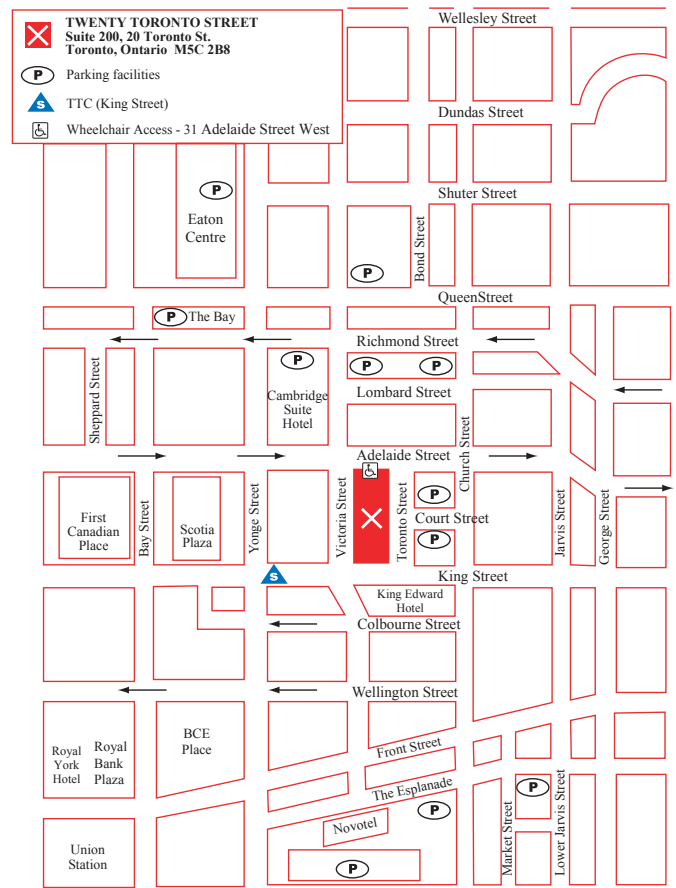
The Proficiency Exam is optional! Reading physicians who pass the Proficiency Exam will receive a certificate verifying their proficiency in BMD standardized reporting as per the national CAR reporting guidelines and the OAR Canadian Bone Mineral Densitometry Reporting Standard.





## Location:

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



## OAR Canadian Bone Mineral Densometry Physician Workstation CME 2019

**SATURDAY, JUNE 9, 2019**

Please see separate brochure if registering for Sunday, June 8, 2019

### REGISTRATION

*Includes meals, refreshment breaks, and electronic course materials*

OAR Member **\$675** (before May 8, 2019) **\$775** (after May 8, 2019)

Non-OAR Member **\$900** (before May 8, 2019) **\$1,000** (after May 8, 2019)



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.