OAR CME
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CAMRT ACTRM

MAMMOGRAPHY EDUCATORS

Ontario Association of Medical Radiation Sciences

This educational activity has been approved for Category "A" credit by the CAMRT and is recognized by the CAMRT's provincial organizations and the American Registry of Radiologic Technologists (ARRT). See additional information inside this brochure.

The OAR Breast Positioning Course and Breast Imaging Update for Technologists

Saturday, April 22, 2017 **In-Person Brochure**

Course Directors:

Joan Glazier, MRT (R) CBI — *Provincial MRT Lead, Ontario Breast Screening Program (OBSP), Cancer Care Ontario, and Navigator, Breast Imaging Services, Medical Imaging, North York General Hospital, Toronto*

Louise Miller, RT (R) (M) (ARRT), CRT, FSBI — *Co-Founder, Mammography Educators and Co-Founder and former Director of the Mammography Practicum at the School of Medicine, University of California, San Diego*

Target Audience: *Medical Radiation Technologists*



Course Objectives:

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

- Apply standardized mammography positioning techniques
- Apply the easiest and best way to position to include maximum pectoral and inframammary fold (IMF)
- Apply tips on positioning difficult patients
- Identify and apply to their daily practice, key elements of the *Mammography Imaging Chain, Physics and Informatics*
- Apply proper use of correct body mechanics to avoid workplace injury
- Review and discuss the *Clinical Diagnostic Pathway*
- Review and discuss the radiologic perspective of Radioactive Seed Localization
- Evaluate *Diversity in Mammography*
- Review Breast Screening in Ontario
- Review and discuss *Problem Solving High Risk Lesions*

245 Lakeshore Road East, Oakville, ON L6J 1H9 | Tel: (905) 337-2680 | Fax: (905) 337-2678 | E-mail: mail@oarinfo.ca

OAR Breast Positioning Course and Breast Imaging Update for Technologists

07:00 – 07:30	**Registration & Continental Breakfast**
07:30 – 07:35	**Welcome** *Dr. Giuseppe Tarulli*
07:35 – 08:30	**Standardized Positioning: What's the Big Deal** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI*
08:30 – 09:00	**Breast Screening in Ontario** *Joan Glazier, MRT (R) CBI*
09:00 – 09:30	**Diversity in Mammography** *Kate Smith, MRT (R) CBI*
09:30 – 10:00	**Breast Pathologies: A Spectrum** *Derek Muradali, MD, FRCPC*
10:00 – 10:10	**Q & A Session**
10:10 – 10:20	**Morning Break**
10:20 – 10:50	**Mammography Image Reviews** *Melissa Heise, MRT (R) CBI*
10:50 – 11:40	**Positioning Problem Solving** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI*
11:40 – 12:30	**Positioning Demonstration** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI*
12:30 – 13:00	**Lunch**
13:00 – 14:30	**Hands-On Positioning Workshops With Live Models** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI & Mammography Educators Positioning Trainers*
14:30 – 14:40	**Afternoon Break**
14:40 – 15:15	**Radioactive Seed Localization – A Radiologic Perspective** *Susan Armstrong, MD, FRCPC*
15:15 – 15:45	**Radioactive Seed Localizations and Sentinel Node Biopsies: A Surgical Perspective** *Brian Pinchuk, MD, FRCSC*
15:45 – 16:15	**Mammography Imaging Chain, Physics and Informatics** *Jeff Frimeth, Medical Physicist, MSc, MCCPM, CIIP*
16:15 – 16:45	**Clinical Diagnostic Pathway** *Joan Glazier, MRT (R) CBI*
16:45 – 16:55	**Q & A Session**
16:55 – 18:10	**Mammoland (An Interactive Segment)** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI*
18:10 – 18:40	**Mission and Motivation** *Louise Miller, RT (R) (M) (ARRT), CRT, FSBI*
18:40 –18:45	**Final Q & A/Adjournment**

Note: *Participants will have the opportunity for hands-on positioning with live models during the Positioning Workshop Break-out Sessions. Live models in all shapes and sizes will rotate through the break-out rooms so that participants will have the opportunity to work with different models representing a spectrum of issues encountered when positioning breasts for mammography (small breasts, dense breasts, fat breasts, post-surgical breasts etc.) Different models of mammography equipment will be used during this course.*

Opportunity to Earn Up To 15 Category "A" Credits!

Course participants will have the opportunity to earn up to **15 Category A Credits**. Registrants can earn **12 Category A Credits by attending the full-day program**, and also have the option of earning an **additional three (3) Category A Credits by completing and returning an Optional Reflective Assignment**.

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Course Co-Director



Joan Glazier, MRT (R) CBI

Ms. Joan Glazier is the Provincial MRT Lead, Ontario Breast Screening Program (OBSP), Cancer Care Ontario. She provides a leadership role for the OBSP promoting breast imaging to the highest standard focusing on quality assurance in breast imaging from a multi-modality approach. She is also an international speaker promoting high quality breast screening and assessment services. Ms. Glazier also holds a position in Breast Imaging at North York General Hospital coordinating and navigating women as they undergo the diagnostic pathway for breast cancer.

Ms. Glazier previously held the position of Charge Technologist of Breast Imaging at Sunnybrook Health Sciences Centre. Her extensive experience includes both screening and diagnostic mammography, breast ultrasound and image-guided interventional procedures in breast imaging. She has participated in several clinical research studies involving all breast imaging modalities focusing on investigative tools for breast ultrasound and MRI.

Course Co-Director and Keynote Speaker



Louise Miller, RT (R) (M) (ARRT), CRT, FSBI

Louise C. Miller, founded the Mammography Practicum at the School of Medicine, University of California, San Diego. She also developed, implemented, and taught the first mammography course in the nation that was connected to a radiology technologist program curriculum. Since 1985, Ms. Miller has served on numerous committees for national professional societies such as the American College of Radiology, the Society of Breast Imaging, and the American Society of Radiologic Technologists to develop and update mammography education and skill-based training standards. Collectively, she has taught or trained more than 50,000 technologists throughout the world, consulted in over 300 breast centers in the US, and has been invited as a consultant/ lecturer in over 20 foreign countries.

In 2014, Louise authored a Positioning Guidebook, the first published in over 20 years and co-authored a textbook, The Handbook of Mammography, 4th and 5th Edition. Both publications feature her unique teaching/learning approaches and specialized techniques. Ms. Miller has provided consultation and invited lectureships for noted institutions such as Harvard Medical School, the Mayo Clinic, UCLA, and Stanford University. She has worked extensively with renowned breast imaging specialists including Drs. Làszló Tabar, Edward Sickles, Daniel Kopans, and Michael Linver. In August of 2011, she completed a one-week internship at the world renowned Laszlo Tabar Clinic in Falun, Sweden.

Louise was awarded the National Consortium of Breast Centers (NCoBC) Impact Award in 2011, the first mammography technologist to be chosen for this prestigious national honor, which recognizes outstanding dedication, commitment, achievement and overall impact on breast cancer detection worldwide. Most recently, Louise was given the distinguished title of the Society of Breast Imaging (SBI) Honorary Fellow for 2017. This award is given annually to individuals who have made an outstanding contribution to breast imaging.

At home in San Diego, she is the Education Director for Mammography Educators, which provides consultation and education services throughout the world.

Speakers



Susan Armstrong, MD, FRCPC

Dr. Susan Armstrong received her MD and completed her residency in Diagnostic Radiology at the University of Toronto, Ontario. She has fellowship training in Womens' Imaging from the University Health Network, Toronto. She was the Clinical Director of Breast Imaging at North York General Hospital from 2010 to January 2017. She is currently a staff Radiologist at North York General Hospital.

Speakers



Jeff Frimeth, Medical Physicist, MSc, MCCPM, CIIP

Jeff Frimeth is a board-certified Diagnostic Medical Physicist. He routinely performs medical physics evaluations of mammography, CT, BMD (bone mineral density) systems, and consults on issues regarding radiation safety, dose management, and image quality. He is board-certified by the Canadian College of Physicists in Medicine (CCPM) in Diagnostic Radiological Physics, certified by the CCPM in mammography, and is board-certified by the American Board of Imaging Informatics (ABII) as a Certified Imaging Informatics Professional (CIIP). Jeff has completed a Diagnostic Medical Physics residency program in Dallas, TX. He has experience in teaching radiologists, MRTs, and dentists in various topics regarding radiation physics.

Jeff is currently a Director-at-Large for the Ontario Association of Medical Physicists (OAMP) and participates on the Professional Affairs Committee for the Canadian Organization of Medical Physicists (COMP). His other memberships include those in the American Association of Physicists in Medicine (AAPM) and Society for Imaging Informatics in Medicine (SIIM).



Melissa Heise, MRT (R) CBI

Ms. Melissa Heise has been a technologist for more than 15 years, and has studied and practiced medical radiation technology in both the United States and Canada. She works as a Senior Technologist at the Waterloo Wellington Breast Centre of Grand River Hospital in Kitchener, Ontario.

Melissa served as the Regional MRT in Waterloo Wellington region for the Ontario Breast Screening Program with the Regional Cancer Program. During her time as Regional MRT, Melissa implemented quality assurance initiatives for mammography in the Waterloo Wellington region OBSP screening sites. Her expertise includes quality control, interventional mammography, screening and diagnostic mammography.



Derek Muradali, MD, FRCPC

Dr. Muradali is an Associate Professor of Medical Imaging, Head of the Division of Breast Imaging at the University of Toronto and the Radiologist-in-Chief of the Ontario Breast Screening Program (OBSP). He has authored multiple publications and book chapters on breast imaging and ultrasound, and has lectured extensively on those topics. His main areas of research in breast imaging involves the appropriate use of imaging tests and cancer detection with regards to the harms and benefits of screening.



Brian Pinchuk, MD, FRCSC

Dr. Brian Pinchuk is a surgeon at North York General Hospital where he manages general surgical conditions and specializes in the surgical management of breast and gastrointestinal cancers. He received his medical degree from McGill University and completed his General Surgery residency and Surgical Oncology fellowship training at the University of Toronto.

To remain at the forefront of the advancing field of oncology, he regularly attends and presents at meetings. He is actively involved in training surgical residents and coordinates a multidisciplinary breast cancer rotation for them. He initiated implementation of a clinic to help patients who develop lymphedema as a complication of their breast cancer treatment. He is a consultant for Cancer Care Ontario, working to develop a model for breast cancer survivorship care.



Kate Smith, MRT (R) CBI

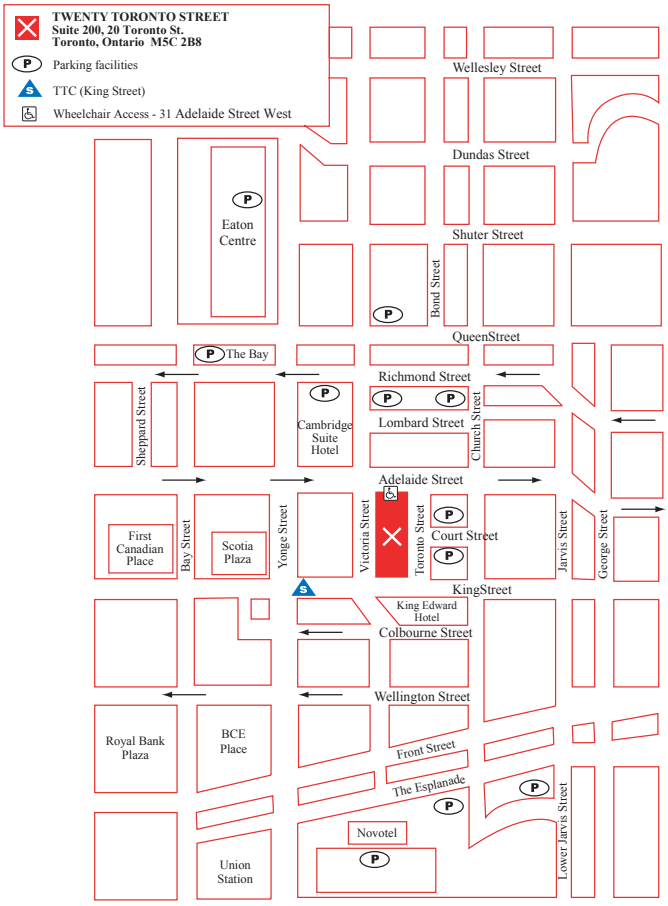
Ms. Kate Smith is the Regional MRT and the Quality Assessment Coordinator with the Central Regional Prevention and Screening Program supporting quality initiative for 29 Ontario Breast Screening sites. Primary Care engagement to increase cancer-screening rates among the Central Region's under-screened populations is also included in her portfolio.

Ms. Smith has held both frontline and leadership positions in medical imaging and has been engaged in breast imaging, policy development and quality improvement initiatives for more than 18 years. She co-hosts and teaches annually at the Central Region OBSP Education Day. Kate received her MRT from the Michener Institute, as well as a Bachelor of Allied Health Science (BAHSc) from the University of Ontario Institute of Technology (UOIT).

Location:



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



We would like to thank Hologic, GE Healthcare, and Siemens Healthineers for supplying mammography equipment for this course and we would like to thank ChristieInnomed for having provided an unrestricted education grant in support of this event.

The OAR Breast Positioning Course and Breast Imaging Update for Technologists

REGISTRATION — IN-PERSON

Includes meals, refreshment breaks, and course materials

- *Technologists* ***$350 Canadian*** *(before April 10, 2017)*
  $400 Canadian *(after April 10, 2017)*

Saturday, April 22, 2017

OAR CME
Leading the way for DI learning

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. 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.