

**Breast Imaging and Intervention
Mount St Joseph Hospital
East 15th Avenue, Vancouver, BC V5T 3N4**

Total: 1 month

Level: PGY 4 - 5

Rotation Supervisor: Dr. Roberta Dionello (rdionello@gmail.com)

Other instructors include Drs. Yvette Cheong, Jessica Farrell, Amie Padilla-Thornton, and Aileen Rankin

Objectives

To provide a broad clinical experience in breast imaging, focusing on diagnostic mammography and breast ultrasound in the context of symptomatic patients and those with screen detected abnormalities, as well as in the performance of procedures such as ultrasound guided biopsies, fine needle aspirations, and fine wire localizations.

At the end of a one-month rotation, the resident should:

Medical Expert

- Demonstrate understanding of what imaging is required for patients with an abnormal screening mammogram
- Demonstrate understanding of what imaging is required for patients with clinical symptoms (eg. Palpable lump, breast pain)
- Understand and effectively use BIRADS in interpreting breast imaging studies (mammography and ultrasound)
- Understand the limitations of mammography and breast ultrasound
- Make appropriate recommendations for biopsy and aspirations of breast and axillary lesions
- Recognize procedural indications, complications, appropriate alternatives and post procedural care
- Demonstrate improvement in performing ultrasound guided breast biopsies and fine wire localizations including: patient positioning/approach, sterile technique, local anesthetic administration, choice of devices, accurate targeting and adequate sampling.

Communicator

- Obtain and synthesize relevant history from patients
- Effectively discuss findings, impression, and recommendations with patients as well as emergency physicians, family physicians, and surgeons when necessary to ensure appropriate patient care
- Generate concise and accurate radiology reports

Collaborator

- Interact effectively with technologists in the diagnostic work-up of breast patients
- Attend and contribute to breast multidisciplinary round discussions with breast surgeons and pathologists

RPC Approval date:

Leader

- Implement processes to ensure personal practice improvement
- Set priorities and manage time to integrate practice and personal life
- Apply the science of quality improvement (i.e. discussion of potential audit) to contribute to improving systems of patient care
- Contribute to a culture that promotes patient safety, including recognition of patient safety issues, and utilization of health informatics to improve patient safety
- Demonstrate leadership skills to enhance health care

Health Advocate

- Understand the benefits, limitations and harms of screening mammography and be able to explain these to a patient and other healthcare professionals
- Be aware of the most-up-to-date provincial guidelines for screening (BC Cancer Screening)
- Understand the rationale for diagnostic mammography, ultrasound and MR in the investigation of breast abnormalities, to make best use of public resources.

Scholar

- Demonstrate knowledge of common breast pathologies and their imaging correlates
- Be able to provide an appropriate differential diagnoses for mammographic and sonographic breast findings
- Effectively teach other medical personnel (technologists, medical students, etc.)

Professional

- Deliver highest quality care with integrity, honesty and compassion
- Exhibit appropriate personal and interpersonal professional behaviour
- Demonstrate insight with regards to own limitations, strength and weaknesses
- Ask for help when appropriate and be accepting of constructive criticism