

Goals & Objectives CanMeds
Rotation: Lions Gate Hospital Community Hospital Elective
231 E 15th Street
North Vancouver, B.C. V7L 2L7

Level: PGY 4 - 5

Rotation Supervisor: Dr. Kevin Rowan. Alternate: any of the other rads.

To expose the residents to community based radiology including the hospital and private office setting. Emphasis will be placed on procedures and cases not found in tertiary hospital situations, to include fluoroscopy, plain film, ultrasound, CT/MRI, office experience and Intervention. Economic factors in private practice will be discussed.

Hospital procedures in particular will be made available to the resident and over the years, this has become most popular with the senior residents. Residents will be expected to arrive with a sense of humour and enthusiasm. Weekend and night call will remain a responsibility to pre-existing resident schedules.

Residents are required to present one case during our weekly M&M during the rotation. No teaching files need to be submitted.

Medical Expert:

- Knowledge of US, CT, MRI, plain film physics, artifacts and understanding imaging protocols
- Knowledge of multi-planar anatomy
- Knowledge of clinical radiology and pathology
- Detects findings and interprets findings into an appropriate differential diagnosis
- Ability to summarize case, offer recommendations, understands treatment and clinical implications
- Knowledge of the procedure: indications, complications, appropriate alternatives, use of conscious sedation, post procedure care. This in particular will be emphasized.
- Basic technical ability: patient positioning, sterile technique, local anaesthetic
- Advanced technical ability: ability to perform more difficult procedures

More specifically:

Intervention cases will include but not limited to:

Simple: Breast, Thyroid, Liver biopsy (and Prostate if the resident wishes). Mammo guided FWL. Pleural and Abdominal Drainage. MSK intervention to include joint injections, barbatage, and prolotherapy. All Fluoro guided procedures to include MSK and spine (ie facet/nerve root blocks, epidurals)

Advanced: Angiography including angioplasty, Uterine fibroid embolization, Varicocele embolization, RFA renal and liver, CT guided biopsy and Drain, Port insertion, PICC lines, Pleurex insertion,

The residents are expected to function in the capacity of a fellow/junior staff. At the initiation of the rotation, the resident should identify areas of specific weakness and/or interest and the training will help address these issues. Senior residents are expected to check cases, to review cases with staff, to consult with referring physicians, to initiate appropriate intervention (under supervision), and to report examinations as appropriate.

Communicator:

- Establish therapeutic relationship with patients/families
- Obtain and synthesize relevant history from patients/families/communities
- Listen effectively
- Communicates effectively with patients, families and other health professionals.
- Demonstrate appropriate and timely communication of findings to referring physicians
- Able to obtain appropriate informed consent for US guided procedures
- Give accurate, concise, complete reports

Collaborator

- Respects, recognizes the roles of, and consult effectively with the healthcare team, including nurses and technologists
- Contribute effectively to other interdisciplinary team activities

LEADER ROLE:

- Implement processes to ensure personal practice improvement
- Set priorities and manage time to integrate practice and personal life
- Apply the science of quality improvement (ie 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

- Understands benefits and limitations/risks related to intervention
- Understands the appropriate use of intervention and rationalization of use of imaging resources

Scholar

- Effectively teaches others, including residents, medical students, patients and other health professionals
- Demonstrates continuous self-directed learning (reads around cases and topics)
- Demonstrates evidence based medical approach and critical appraisal with regards to radiology literature
- Develop, implement and monitor a personal continuing education strategy
- Contribute to development of new knowledge

Professional

- Deliver highest quality care with integrity, honesty and compassion
- Exhibit appropriate personal and interpersonal professional behaviours
- Practice medicine ethically consistent with obligations of a physician
- Demonstrates insight with regards to own limitations, strength and weaknesses, asks for help when appropriate
- Acceptance of constructive criticism

Reading List:

Recommended Textbooks:

Any of the core and Intervention textbooks.

Reading around cases that the resident encounters during his/her rotation is mandatory. This can be done with Stat DX and the internet can provide many review articles (eg Radiographics).