

Goals & Objectives CanMeds

Abdominal Radiology

VGH

899 West 12th Ave , Vancouver BC V5Z 1M9

Level: Junior Resident

Rotation Supervisor: Dr. Stephen Ho

This rotation integrates two previous rotations, GI/Intervention and Uroradiology. There are two staff radiologists involved each day in the clinical and teaching duties for this rotation, the GI and the GU Radiologist. The supervisors for this rotation are Dr. Stephen Ho and Dr. Allen Rowley.

Medical Expert:

- *Demonstrate diagnostic and therapeutic skills for ethical and effective patient care*
- *Access and apply relevant information to clinical practice*
- *Demonstrate effective consultation services with respect to patient care, education and legal opinions*

Understand the concepts of, indications and contraindications, and attain proficiency in abdominal fluoroscopic diagnostic procedures as described above.

Understand the principles of plain film radiography as applied to the abdomen.

Sound knowledge of principles of, indications and contraindications, and obtain abdominal radiology including plain film abdominal radiology, as well as GI and GU diagnostic procedures.

Understand concepts and basic principles of procedures including intravenous urography, cystography, nephrostography, upper GI barium studies (esophagus, stomach and duodenum), esophageal motility studies, modified barium swallows, pharyngography, water-soluble contrast studies of both the upper and lower GI tract and single and double contrast barium enemas.

Other procedures, such as endoscopic retrograde cholangiopancreatography and percutaneous cholangiography, involve the biliary tree.

Perform and interpret the diagnostic fluoroscopic procedures such as barium studies.

Perform and interpret intravenous pyelograms, cystograms and nephrostograms.

Communicator:

- *establish therapeutic relationship with patients/families*
- *obtain and synthesize relevant history from patients/families/communities*
- *listen effectively*
- *discuss appropriate information with patients/families and the health care team*

Collaborator

- *consult effectively with other physicians and health care professionals*
- *contribute effectively to other interdisciplinary team activities*

Perform fluoroscopic procedures under supervision of the assigned radiologist.

Participate in the daily readout of the abdominal plain films.

In general, the junior resident will NOT be the primary operator in the interventional procedures, as there are clinical fellows in both GI and GU and possibly senior residents. However, these senior residents will have an opportunity in the “sister” rotation to this rotation, “Interventional Radiology” (q.v.).

Manager

- *utilize resources effectively to balance patient care, learning needs, and outside activities*
- *allocate finite health care resources wisely*
- *work effectively and efficiently in a health care organization*
- *utilize information technology to optimize patient care, life-long learning and other activities*

Health Advocate

- *identify the important determinants of health affecting patients*

- *contribute effectively to improved health of patients and communities*
- *recognize and respond to those issues where advocacy is appropriate*

Scholar

- *develop, implement and monitor a personal continuing education strategy*
- *critically appraise sources of medical information*
- *facilitate learning of patients, housestaff/students and other health professionals*
- *contribute to development of new knowledge*

Prepare interesting cases for and participating in the monthly GI and GU resident teaching rounds.

Assist with daily caseload of plain films, and if time permits, the junior resident should mount these radiographs.

Attend daily readout of the plain films usually occurs in mid-morning and mid-afternoon.

(NB: The majority of the fluoroscopic procedures occur in the morning, making attendance at the morning readout of plain films difficult. Readout of the diagnostic procedures occurs in the afternoon)

Professional

- *deliver highest quality care with integrity, honesty and compassion*
- *exhibit appropriate personal and interpersonal professional behaviours*
- *practise medicine ethically consistent with obligations of a physician*

Reading List:

Gore, Levine and Laufer's *Textbook of GI Radiology*, Dunnick's *Textbook of Uroradiology* and Baker's *Abdominal Plain Film Radiology*.