

General CT Rotation

Goals & Objectives CanMeds

UBCH

Level: PGY 2-5

Rotation Supervisor: Gordon Andrews

The general CT rotation at UBCH accommodates PGY 2-5 residents and residents are expected to develop graded responsibility as they rise from first to fourth year level. Guidance will be given to each resident at the commencement of the rotation, an interim evaluation will occur halfway through the rotation, and a final evaluation will be given at the end of each rotation. Each final evaluation will be submitted to the residency training program director.

Graded responsibility is emphasized on the CT rotation, with first year residents expected to concentrate on normal anatomy and report a minority of the caseload, primarily studies with minimal findings. Fourth year residents are expected to manage the busy CT unit, including protocol of requisitions, review and reporting of the vast majority of cases, and acting as the primary interface with support staff and clinicians.

There will be noon rounds Monday, Tuesday, and Friday, given by the scheduled staff radiologist. "GI" rounds occur occasionally on Thursday and the resident may be asked in advance to speak very briefly about an interesting journal article that they have recently read.

All residents are expected to arrive in the department by 0800 hours and stay until the conclusion of the working day, approximately 1730 hours. Ongoing teaching and interaction with staff occurs throughout the day. If a resident is absent from this rotation for any reason, he/she should give ample warning to the Radiologist scheduled for that day. Vacation and conference requests must be booked with Dr. Andrews in advance, at least two weeks prior to any planned absence from the rotation.

Residents are required to submit two teaching files by the end of the rotation.

Medical Expert:

- To understand CT physics, technical imaging parameters and artifacts
- To understand imaging protocols, including use of iodinated IV contrast

- To learn cross sectional CT and multi-planar anatomy
- To acquire knowledge in clinical radiology and pathology
- To be able to detect findings and interpret the findings into an appropriate differential diagnosis
- To be able to summarize each case, offer recommendations, understand the treatment and clinical implications of each case

Communicator:

- Be able to establish therapeutic relationship with patients/families
- Obtain and synthesize relevant history from patients/families/communities
- Listen effectively
- Communicate effectively with patients, families and other health professionals.
- Demonstrate appropriate and timely communication of findings to referring physicians
- 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

- Understand the benefits and limitations/risks related to CT imaging.
- Understands the appropriate use of CT 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)
- Submit two teaching files to the digital library.

- 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 behavior
- Practice medicine ethically consistent with obligations of a physician
- Demonstrate insight with regards to own limitations, strength and weaknesses, asks for help when appropriate
- Be accepting of constructive criticism

Recommended Textbooks:

-Fundamentals of body CT. Webb, Brant, Major. Saunders

-Fundamentals of Diagnostic Radiology. Brant and Helms