

Elective or Selective Rotation: Diagnostic Radiology

OVERVIEW

The Department of Radiology at the University of Manitoba is committed to the education of local and visiting undergraduate medical students. Radiology education relies on a strong knowledge of anatomy and we strongly encourage all medical students to commit as much anatomy to memory as possible. All students who wish to explore Diagnostic Radiology as careers are encouraged to schedule exposures and electives with the program administrator.

INTRODUCTION

We offer electives that are 2-4 weeks in duration. Electives can be organized between any of the main teaching sites: Health Sciences Centre, St. Boniface Hospital, Grace Hospital and Children's Hospital. Additional electives can be arranged in community hospitals in Winnipeg and Selkirk. Electives are on a first-come, first-served basis, but we try to accommodate as many students as possible.

Some of the imaging modalities that medical students may be exposed to are:

- Plain Radiography (X-ray)
- Computed Tomography (CT)
- Magnetic Resonance Imaging (MRI)
- Ultrasound
- Interventional Radiology
- Mammography

Some of the areas that electives may be scheduled in are:

- Abdominal Imaging
- Chest Imaging
- MSK Imaging
- Neuro Imaging
- Interventional Radiology (upon request)
- Ultrasound (upon request)
- Pediatric Radiology (upon request)

Location(s):

Health Sciences Centre, St. Boniface Hospital, Children's Hospital and Grace Hospital

UGME Program Director:

Dr. Scott Gregoire

UGME Program Coordinator:

Julianna van den Beuken Ph. 204-787-1328 Email. julianna.vandenbeuken@umanitoba.ca

Preceptors:

Dr. S. Sookhoo (St. Boniface General Hospital and Grace Hospital)

Dr. S. Gregoire (Health Sciences Centre)

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LEARNING OBJECTIVES (CanMEDS)

Medical Expert

- Become familiar with the role of multimodality Diagnostic and Interventional Radiology and its role in in-patient and out-patient care
- Become aware of the Radiologists role in the management of in-patients
- Develop an improved ability to choose the appropriate imaging test for common medical concerns
- Develop a dependable organ-specific approach to common imaging tests including Radiography, CT MRI, and Ultrasound
- Be exposed to interventional procedures performed by radiologists

Communicator

- Establish rapport and good communication with physicians, allied health care team, patients and families
- Effectively communicates relevant information to physicians and healthcare team
- Elicit relevant information and perspectives from physicians and the healthcare team

Collaborator

- Recognize and respect the roles, responsibilities and expertise of all healthcare professionals
- Demonstrate the ability to work as a team for the wellbeing of the patients

Manager

- Determine effective use of information technology
- Gain a better understanding of the allocation of healthcare resources

Health Advocate

- Promote and participate in patient safety
- Develop an improved ability to choose the appropriate imaging test for patients
- Gain a better understanding of the benefits and risks associated with radiologic procedures

Scholar

- Ability to critically analyze their skills
- Critically appraises medical literature
- Shows motivation to improve their knowledge with reading and reviewing cases
- Demonstrates self-directed learning

Professional

- Demonstrates integrity and honesty
- Understands principles of ethics and applies them to clinical situations
- Knows their own limitations

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INFORMATION

Education Rounds and Resources:

- Educational Rounds are held on Mondays, Tuesdays, Thursdays and Fridays at 3:30. The rounds alternate between sites, and are held in GG147 (HSC) and A2071-3 at St. Boniface Hospital. (*The two sites are linked by MB Telehealth*)
- Grand Rounds take place a couple of times a month over the noon hour on Thursday
- Academic ½ days are held on Wednesdays from 1:00-4:00. The academic ½ days alternate between sites, and are held in GG147 (HSC) and A2071-3 at St. Boniface Hospital. (*The two sites are linked by MB Telehealth*)

Online resources and teaching include:

The primary resource recommending for this rotation is www.learningradiology.com

Additional on-line resources for self-directed learning include:

www.auntminnie.com

bonepit.com

www.radiologyassistant.nl

www.chestx-ray.com

www.ctisus.com

Typical Daily Schedule:

0900hrs-1030hrs – Review cases with staff and/or resident

1030hrs-1230hrs - Self-directed learning and lunch

1230hrs-1430hrs - Review cases with staff and/or resident

1430hrs-1530hrs - Self-directed learning

1530hrs-1630hrs – Educational rounds

First Day Orientation:

At Health Sciences Centre on the first day of your elective or selective rotation you are to report to the Department of Radiology Administrative Office GA216 (2nd floor General Hospital, Health Sciences Centre) to meet with the program administrator. You will be given a tour of the radiology department before being introduced to the preceptor you are working with that particular day.

At St. Boniface Hospital on the first day of your elective or selective rotation you are to report to the Main X-Ray Desk located in the Diagnostic Imaging Department (2nd floor St. Boniface Hospital) and introduce yourself to the clerk on duty.

At Grace Hospital on the first day of your elective or selective rotation you are to report to the Main Desk located in the Diagnostic Imaging Department (Main Floor, Grace Hospital) and introduce yourself to the clerk on duty.

Evaluation/Feedback:

As part of the evaluation process, rotators are given a daily evaluation form to have completed by the preceptors (resident and/or attending) they work with during the rotation. The final ITAR is completed by the UGME director using the feedback provided from the collected evaluations.

Exit Interviews:

On the last day of the rotation, students will report back to the program administrator for a brief exit interview. This gives the student a chance to give the program honest, constructive feedback and/or suggestions and to hand in the completed evaluations.