

**McGill University**  
**DEPARTMENT OF DIAGNOSTIC RADIOLOGY**  
**Thoracic Radiology**

Duration of training: 1 Year Fellowship Program

Name of Fellowship Director: Dr. Alexandre Semionov

Summary:

A fellowship in Thoracic Radiology is offered at the MUHC (RVH and MGH sites). The Division of Thoracic Radiology has an active service, which corresponds to the Center's missions in Trauma and Oncology. A large volume of examinations are carried out with five state of the art multidetector CT scanners and two 1.5 T MR scanners. The candidates are certified general radiologists who wish to practice the specialty with a special interest in Thoracic Imaging.

Guidelines:

The following guidelines are designed to clarify the fellow's job description. The duties described are geared towards enriching the fellow's own experience and achievement as well as optimizing the functioning of the chest section.

The fellowship is dedicated imaging of the thorax. . The objective is to acquire experience and skills in Chest imaging. At the conclusion of the training, the fellow should be able to function autonomously as a Chest Radiology consultant, as well as performing chest procedures.

The fellow functions as a junior attending and as such must be integrated into the teaching team: teaching the residents at the viewer during daily review sessions, giving teaching rounds, and senior resident review sessions. The fellow will also contribute teaching to the Academic Half Day. The fellow is expected to present at multidisciplinary tumor board on a regular basis.

Academic work: Every fellow is expected to develop and complete a research project during their year of fellowship, with the goal of presenting at an academic meeting or publication. Protected academic time (0.5-1 day per week) may be granted to the fellows depending on the nature of the project. Outside the protected academic time, the fellow is expected to devote his/her endeavors to clinical activities of the division.

Relationships with staff in the section: There are 3 chest radiologists at the MGH and three at the RVH. The fellow should interact with all staff-members during the course of the fellowship.

Relation with resident staff: As stated above, the fellow functions as a junior attending, and as such is incorporated within the teaching team. With respect to procedures, the fellow is primarily responsible for all diagnostic lung biopsies

*The fellow's responsibilities are separate from those of the residents, and the fellows positively impact residency training. There is no negative impact of the fellowship on residency training.*

## ROTATIONS

All training is at the MGH and RVH (cases may originate as well from MCI).

### Schedule

Scheduled scanning takes place from 8:00AM to approximately 5:00PM, or later if the day's schedule is delayed.

### ON CALL

The fellows rotate on the Chest on-call list as junior staff. They are on-call, at home with a pager, and are a resource person for the residents on-call. On weekends and holiday the fellow must come in for a defined block of time to read out the cases performed during the on call period. Staff coverage is available at all times for the fellow. Whenever they are requested to perform a procedure, they must contact one of the staff radiologists prior to performing the procedure. Expected call frequency is one week in four.

### VACATION/CONFERENCES

The fellow is granted 4 weeks of vacation plus an additional week during either the Christmas or New Year's holidays. The fellow is also granted five days of conference leave (proof of attendance required). If he/she presents a paper at a major conference, the time of the conference is not counted against his/her conference or vacation time. In addition, he/she may request funding for expenses incurred to attend the meeting where he/she presents, provided that the research was done in the department of Radiology at McGill University. Funding approval is at the discretion of the MUHCRA.

### FELLOW EVALUATION:

The fellow is evaluated on a daily basis by the attending staff and will meet regularly with the fellowship supervisor for face-to-face feedback. A formal written evaluation is completed every three months, using the CanMEDS roles scheme, and submitted through ONE 45.

### EXPECTED CASE LOAD

CT: 10-15/day

XRAY: 50/day

Procedures: 2-3 lung biopsies under CT guidance per week.

### Academic Facilities

Internet access from all workstations and from fellow's office

Access to libraries at MGH, RVH and McGill  
Multimedia learning materials available  
Free online journal access via McGill portal

Diagnostic Radiology  
Montreal General Hospital  
1650 Cedar Avenue, Room C5 118  
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