

McGill University
DEPARTMENT OF DIAGNOSTIC RADIOLOGY
DIAGNOSTIC NEURORADIOLOGY FELLOWSHIP
(based at the Montreal General Hospital)

Duration of training: 1 Year Fellowship Program

Name of Fellowship Director: Dr Carlos Torres

Name of Program Director: Dr. Jeffrey Chankowsky

Summary:

A fellowship in Neuro CT and Neuro MRI is offered at the MGH.

The Department has an active service, which corresponds to the hospital's mission in Trauma and Oncology. A large volume of examinations of brains and spines are carried out with three state of the art multidetector CT scanners and a 1.5 T MR scanner. Additionally, the fellow may participate in diagnostic ENT imaging. The candidates are certified general radiologists who wish to practice the specialty with a special interest in Neuroradiology Imaging.]

As the year progresses the expected volumes of cases to be read will be increased steadily.

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 neuroradiology section.

The fellowship is dedicated noninvasive imaging of the brain, spine, as well as Head & Neck.. From previous feedback and experience, we feel that more emphasis needs to be placed on the imaging aspect of the fellowship. The objective is to acquire as much experience and skills in CT /MR interpretation. It is often the imaging aspect of an interventional case that provides the real challenge not the technical placement of a biopsy needle or catheter. At the conclusion of the training, the fellow should be able to function autonomously as a radiology consultant in CT and MR interpretation, as well as performing basic spinal procedures.

The fellow functions as a junior attending and as such must be integrated into the *teaching team*:: Teaching the residents basic spinal interventional procedures, teaching at the viewer in CT as well as in MRI, giving teaching rounds, presenting progress of research projects should occur regularly.

Academic work: Every fellow is given a *research project* by a staff supervisor. Protected academic time (a half day to one full 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 during the day.

Relationships with staff in the section: There are 3 staff radiologists in the division of Neuroradiology at the MGH. 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 spinal procedures, and as such has a supervisory role over the residents to perform the cases. The residents, however are required to learn basic interventional techniques during their residency training, and the fellow is expected to assist the residents in acquiring the necessary experience in these techniques.

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

The fellow rotates through CT, MR Neuroimaging with opportunities to spend time in ENT imaging and more advanced spinal procedures (epidurals, nerve blocks, spine biopsies, vertebroplasty). All training is at the MGH.

Schedule

Scheduled scanning takes place from 8:00AM to approximately 5:00PM

ON CALL

The fellows rotate on the Neuroradiology 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 block of hours to read out the cases performed during the on call period. Their expertise may be requested for spinal procedures. Whenever they are requested to perform a procedure, they must contact one of the staff radiologists who routinely rotate in intervention prior to performing the procedure.

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 one week to attend a conference if he/she wished to do so. 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

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.

EXPECTED CASE LOAD (daily)

CT: 25

MR: 15

Procedures: 5 spinal procedures every Wednesday morning

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

For further information, please contact:

Dr. Carlos Torres, Fellowship Director
C/o Cathy Torchia, Senior Administrative Coordinator
Diagnostic Radiology
Montreal General Hospital
1650 Cedar Avenue, Room C5 118
Montreal, QC H3G 1A4
Tel: (514) 934-8084
Fax: (514) 934-8263
e-mail: cathy.torchia@muhc.mcgill.ca