

McGill Radiation Oncology Fellowship in Pediatric Radiation Oncology

Program director: Khalil Sultanem MD, FRCPC

Fellowship director: Thierry Muanza MD, FRCPC

Number of positions: 2 per year

Fellowship supervisor: Carolyn Freeman MB, BS, FRCPC

General information

- **Duration:** One year
- **Number of fellows:** Maximum of two
- **Hospitals involved:**
 - Montreal General Hospital (65%)
 - Montreal Children's Hospital (30%)
 - Hôpital Sainte Justine (5%)

Goals and Objectives

During a one year period of additional training, the fellow will acquire and integrate advanced knowledge and skills specific to the management of children with malignancies. On completion of the program the fellow will possess the knowledge and skills to be able to independently:

- Formulate and defend a management plan for pediatric and adolescent patients with tumors of any type
- Plan all radical and palliative radiotherapy treatments, including special techniques such as Total Body Irradiation.

Content and organization

The fellow will attend all relevant clinics at the MGH, MCH and HSJ, including the multidisciplinary pediatric neuro-oncology, musculoskeletal oncology, retinoblastoma, and transition and long term follow up clinics, as well as all relevant tumour boards (pediatric, pediatric neuro-oncology, musculoskeletal oncology...). See schedule attached.

Scholarly activities are an integral component of the program. In addition to participation in ongoing clinical research studies it is expected that the fellow will develop and take to completion at least one clinical/translational research project. He/she will act as a resource for residents in radiation oncology and contribute to the postgraduate and undergraduate teaching programs in radiation oncology as well as those of related programs (pediatric hematology/oncology, neurosurgery...). He/she will coordinate a monthly journal club devoted to pediatric radiation oncology.

General guidelines, prerequisites, and general and specific competencies

General guidelines, prerequisites, and general and specific competencies are given in the McGill Faculty of Medicine website:

http://www.medicine.mcgill.ca/postgrad/programs_htm

Evaluation and assessment of progress

The fellow will present a progress report quarterly to the Fellowship Director. Formal evaluation of the fellow's progress will be performed quarterly according to the Promotions Guidelines.

Before the end of the training period the fellow will be expected to present the results of his/her research project at Radiation Oncology Rounds

Evaluation on completion of the fellowship will require submission of a clinical case log and an updated curriculum vitae to the Fellowship Director. On successful completion of the fellowship the fellow will receive a certificate signed by the Program Director and the Dean of the Faculty of Medicine.

Impact of fellowship on resources for residency training

The fellow will be based at the McGill University Health Centre/Montreal General Hospital. He/she will be provided with working space and a computer and will have access to treatment planning computers and all other equipment and support required in order to meet the training objectives.

Patient numbers and other resources at the McGill University Health Centre are more than adequate to support the fellowship program without jeopardizing residency training. To the contrary, we believe that the presence of a fellow in pediatric oncology will strengthen training for our residents as well as for residents in other related programs by acting as a resource for them and providing additional teaching through participation in rounds, journal clubs, and the formal teaching programs.