

Nuclear Medicine

The residency training program in nuclear medicine is based at the following hospitals:

McGill University Hospital Centre Jewish General Hospital

The program consists of 5 years of residency training, the first being predominantly in internal medicine, at least three years of comprehensive nuclear medicine and up to twelve months in electives acceptable to the program director. At least 6 months of these electives will include correlative diagnostic radiology. The program is designed to prepare trainees for the specialty examinations in nuclear medicine of the Royal College of Canada and the American Board of Nuclear Medicine.

The trainees are expected to acquire appropriate knowledge of radiation physics, radiobiology, radiopharmacology, radiation protection, instrumentation, computer science, the clinical aspects of nuclear medicine as well as certain basic sciences relative to nuclear medicine such as anatomy, physiology and pathology. Computer literacy is required as all nuclear medicine diagnostic studies are either acquired or analyzed using proprietary computer software.

After adequate preparation, residents will be given the responsibility under supervision of consultation, diagnosis and radionuclide treatment of patients referred to the nuclear medicine department. Residents will be directly involved in and become proficient in nuclear cardiac stress testing and interpretation under the supervision of the cardiology and nuclear medicine staff.

The program in nuclear medicine is designed to instruct the resident in the fundamental principles of the field of nuclear diagnosis and therapy. This includes training in Positron Emission Tomography (PET) with anatomic CT correlation. The complexity of the field is ever increasing and to train a resident adequately demands a carefully designed period of 5 years and considerable study. The program is a combination of direct participation in daily work, preceptorial teaching and informal lectures. Residents are expected to prepare and present seminars as well as participate in journal clubs. Trainees are expected to be motivated learners with respect to personal study and literature review. Attendance at interdepartmental rounds and diagnostic radiology teaching rounds, including lectures by visiting professors is encouraged and considered to form an integral part of the training program.

Further information may be obtained from:

Dr Marc Hickeson,
Program Director
McGill Nuclear Medicine Residency Program
McGill University Health Center, Glen Campus
1001 Decarie Blvd, Room C-028711
Montreal, Quebec
H4A 3J1
Tel.: (514) 934-1934 ext 36428 Fax: 514-934-8263
E-mail: marc.hickeson@muhc.mcgill.ca
ruth.ramadeen@muhc.mcgill.ca