



Fellowship in Amputee Rehabilitation, Prosthetics and Orthotics

Program Director:

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Physiatrist

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Fellowship Location :

CIUSSS Centre-Sud de l'île de Montréal

Institut de Réadaptation Gingras-Lindsay de Montréal (IRGLM)

Rehabilitation Center

6300 Avenue de Darlington, Montréal, Québec H3S 2J4

Center of expertise for intensive functional rehabilitation of patients with amputations for the island of Montreal

Center of expertise for intensive functional rehabilitation of patients with upper extremity and complex lower extremity amputations for Western Quebec

- 31 in-patient hospital beds
- Out-patient prosthetic rehabilitation
- Long-term out-patient follow up of several hundred amputee patients
- Specialized clinics in:
 - Diabetic foot
 - Foot pathologies and foot orthoses
 - Wheelchairs

Candidate Requirements :

- M.D. having completed his/her postdoctoral training in physical medicine and rehabilitation (physiatry), or certified physiatrist
- Strong interest in amputee rehabilitation, prosthetics and orthotics
- Good command of French, spoken and written
- Has own source of financial support for the duration of fellowship (bursary, scholarship or PGY6)
- Internship of 6 months minimum to 2 years maximum
- Letter of intent
- Three letters of recommendation by supervising attending physicians

Candidate fellow involvement:

- Managing the in-patient rehabilitation ward for patients with amputation including the multidisciplinary team
- Managing the out-patient rehabilitation amputee program
- Participating in weekly out-patient amputee clinics
- Participating in specialized out-patient clinics (wheelchair and foot clinics)
- Participating in the on-call schedule for general physiatry at the Lindsay Pavilion
- Active involvement in teaching for medical students and residents
- Completing a research project in the field of prosthetics and orthotics
- Giving oral presentations in the field of prosthetics and orthotics at the grand rounds meetings

Fellowship learning objectives:

At the end of the Fellowship the candidate must:

- Master the different aspects of wound care
- Master the differential diagnosis, management and treatment of stump and phantom limb pain
- Have a thorough knowledge of new lower extremity prostheses including microprocessor and motorised knees and ankles
- Have a thorough knowledge of next generation upper extremity prostheses
- Have a deepened knowledge of selective motor re-innervation in upper extremity amputations
- Have a deepened knowledge of osseointegration for lower and upper limb amputations
- Know the outcome measures validated or applicable to the amputee population

- Know the management stump edema
- Have a deepened knowledge of the diagnosis and treatment of dermatological conditions in amputees
- Master the diagnosis, management and treatment of neuro-musculoskeletal complications in the amputee population
- Master the diagnosis, management and treatment of musculoskeletal foot and ankle pathologies including foot orthoses
- Know upper and lower limb orthoses and their indications