

MONTREAL HEART INSTITUTE ADULT CONGENITAL ELECTROPHYSIOLOGY FELLOWSHIP

Duration: 1 year

Fellowship institution: Montreal Heart Institute, University of Montreal, Canada

Background:

- This fellowship is designed for the interventional electrophysiology trainee who wishes to gain further competencies in clinical and invasive diagnostic and therapeutic aspects of adult congenital electrophysiology.
- This specialized training tract was developed under the premise that the skill set required to maximize patient safety and optimize procedural outcomes for arrhythmias that occur in adults with congenital heart disease involves merging electrophysiology proficiencies with a thorough understanding of congenital heart disease anatomy, physiology, and relevant clinical issues.

Eligibility:

- To qualify for the fellowship, candidates must have completed level 3 core cardiac arrhythmia and electrophysiology training (ACCF COCATS 3 Training Statement: Task Force 6; JACC 2008;51:374-380)
- North American and international applicants will be considered
- Candidates must provide a specialist certificate that authorizes specialty practice in their own country and a letter of recommendation from the Dean of the Faculty of Medicine from their training institution *or* have successfully completed the
 - Medical Council of Canada Evaluating Examination (MCCEE) (<http://www.mcc.ca/en/exams/ee/>) *or*
 - United States Medical Licensing Examination (USMLE) Step 2 (<http://www.usmle.org/Examinations/step2/step2.html>)
- Certification in Advanced Cardiac Life Support (ACLS) (<http://www.acls.net/>) is obligatory
- A working knowledge of French or the willingness to complete an introductory French course is required, along with a respectful attitude towards the prevailing cultural environment of patients and their caregivers

Overview:

Over the course of the year, fellows will be expected to participate in the following activities:

- The Montreal Heart Institute Adult Congenital Heart Disease Center's core curriculum fellowship program, including adult congenital heart disease clinics, in-patient consultations, teaching sessions, and medical-surgical rounds. Exposure to non-invasive imaging, particularly cardiac magnetic resonance, is encouraged.
- Electrophysiology grand rounds and signal-interpretation teaching sessions

- The full range of ablative and device therapies appropriate to the needs of adults with congenital heart disease, in addition to consultative and diagnostic services including specialized adult congenital arrhythmia clinics
- Research in electrophysiology and adult congenital heart disease

Application process:

Applications should be submitted at least 18 months prior to the anticipated start date, although specific exceptions may be considered on shorter notice.

Fellowship applicants will be evaluated on the basis of:

- Performance during medical school, residency, and post graduate training
- Letters of recommendation
- Curriculum vitae, including clinical or basic science research experience where applicable
- Finalists will be invited to visit the Montreal Heart Institute for a series of interviews

Interested individuals are invited to contact:

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About the Montreal Heart Institute:

- Founded in 1954 by Dr. Paul David, the Montreal Heart Institute houses the largest concentration of cardiologists in Canada. It constantly strives for the highest standards of excellence in the cardiovascular field through its leadership in prevention, ultra-specialized care, training of professionals, clinical and basic science research, and assessment of new technologies. Its clinical outcomes rank among the best in the world. The Montreal Heart Institute is affiliated with the University of Montreal, the largest center of higher education in Quebec.
- The Montreal Heart Institute hosts a state-of-the art center for adult congenital heart disease with dedicated offices, clinical and research nurses, and a multidisciplinary team (1 surgeon; 9 physicians) with expertise in diverse aspects of care including cardiac magnetic resonance imaging, interventional cardiology, electrophysiology, high risk pregnancy, genetics of congenital heart disease, echocardiography, and clinical research. The Montreal Heart Institute Adult Congenital Heart Center serves over 4000 active patients, with 6-8 clinics per week, and receives referrals from across Canada and internationally for complex interventions.
- The Montreal Heart Institute's electrophysiology service (11 interventional electrophysiologists) receives over 5000 referrals and performs 3000 procedures annually including 600 catheter ablations, 500 defibrillators, 200 cardiac resynchronization therapy cases, and 100 laser lead extractions. Out-patient services include general arrhythmia, pacemaker and ICD, genetics, and adult congenital arrhythmia clinics.