

Fellowship in Pediatric Anesthesia

| healthsci.mcmaster.ca/anesthesia |

FOCUSED ON A
**BRIGHTER
WORLD**



anesadm@mcmaster.ca



[@MacAnesthesia](https://twitter.com/MacAnesthesia)

Anesthesia

McMaster
University 



Our innovative learning environment fosters the future leaders and champions of the pediatric anesthesia subspecialty

Fellows Responsibilities

Fellows will work under the supervision of a staff anesthesiologist daily. It is the expectation that a working week will consist of 2-3 days of pediatric anesthesia, 1-2 days of independent practice and 1 day allocated to research or scholarly activity.

A fellow is not expected to do call, however, there are many relevant cases, particularly neonatal surgeries that are done after regular hours, and it is the expectation that the fellow will avail themselves of these opportunities.

Attendance at all academic rounds is encouraged as well as presentations at these department forums.

Teaching of junior learners, both residents and medical students, and participation in simulation sessions (e.g. MEPA) may fall under the responsibility of the fellow.



Assessment

Formal evaluations will be done on at least a quarterly basis, with a face-to-face meeting with the Fellowship Director. It is expected that the Fellowship Director will receive both verbal and formal feedback from the fellowship supervisors and convey any issues to the fellow timeously.



Training Objectives

1. Develop a comprehensive knowledge and understanding of:
 - a. Anatomy, physiology, pharmacology & equipment pertinent to pediatric anesthesia.
 - b. Pre-anesthetic assessment and preparation of patient, using a family-centered model.
 - c. Understand implications of co-existing diseases involving all organ systems, that may have importance in the provision of a safe and appropriate anesthetic.
 - d. Appreciation of the various surgical techniques and procedures employed by the various pediatric subspecialties.
 - e. Develop competence in the provision of commonly accepted regional anesthesia techniques including ultrasound guidance.
 - f. Anesthetic management of patients in non-operating room settings including sedation service, interventional radiology, MRI and endoscopy.
 - g. Postoperative care, including pain management and critical care management considerations.
 - h. Anesthetic management of patients with complex congenital heart disease (arranged through external rotations)
 - i. Develop competence in advanced ultrasound guided vascular access techniques
2. Research in an area of pediatric anesthesia is mandatory. There is a robust infrastructure within the department for help and support to complete a research project.
3. Additional rotations in a multi-disciplinary pediatric chronic pain are available if desired by the trainee.



HOSPITAL SITE:

McMaster University Medical Centre
McMaster Children's Hospital

DURATION:

One academic year (July 1 to June 30)
including 20 vacation days and
10 conference days

QUALIFICATIONS:

FRCPC or eligibility



Fellowship Description

The division of Pediatric Anesthesia is part of the Department of Anesthesia of McMaster University. It is primarily located at the McMaster University Medical Center which houses the McMaster Children's Hospital.

The hospital has 170 acute beds, home to 40 subspecialty clinics, a Level 1 pediatric trauma centre and has the largest Neonatal Intensive Units in Canada. Exposure to clinical cases encompasses a full range of procedures, except transplant surgeries. Exposure to pediatric cardiac anesthesia, including bypass cases, are arranged at an external institution.

There are approximately 6500 surgeries performed annually. In addition, there is a large and increasingly growing area of Non-Operating Room Anesthesia, involving MRI, CT scan, Interventional Radiology, Endoscopy clinics, Minor procedural sedation, and Acute and Chronic Pain services for children. The intent of the fellowship is to prepare individuals to practice in tertiary referral hospitals or practice competent pediatric anesthesia in other settings.

Application

To access the application form, visit:

<http://bit.ly/fellowshipappanes>

For additional information on application requirements for fellowship programs at McMaster University, please visit:

anesadm@mcmaster.ca

Please send completed applications to McMaster Postgraduate Admissions.

Inquiries About the Application

For inquiries about the application process for the Pediatric Anesthesia Fellowship Program, you may contact the Department of Anesthesia Program, you may contact the Department of Anesthesia at **anesadm@mcmaster.ca**

Inquiries About the Fellowship

Dr. Deepa Kattail

Director, Pediatric Anesthesia Fellowship Program

Department of Anesthesia, HSC-2V9

McMaster University

1280 Main Street West, Hamilton, Ontario L8S 4K1

