

Pediatric Anesthesia Clinical and Research Fellowship

DURATION: 2 years

NUMBER OF POSITIONS: 2

FELLOWSHIP SUPERVISOR: Dr. Vincent Collard, Anesthesia Fellow Coordinator

HOSPITAL: The Montreal Children's Hospital

BACKGROUND:

Our pediatric anesthesia clinical and research fellowship is a 2-year program.

The clinical year is comprised of 4 clinical days a week which enables you to gain expertise in subspecialty pediatric anesthesia (cranio-facial, neurosurgical, renal transplantation, neonatal, offsite anesthesia, acute pain and airway management). A one non-clinical day a week is available for the pursuit of academic or clinical research activities.

The research year consists of 4 research days and 1 clinical day a week.

RESEARCH:

Research activities in the department are directed by Dr. D. Withington (Research Director). Areas of research expertise include the pharmacology of neuromuscular blockade, acute pain modalities, obstructive sleep apnea, control of breathing, pharmacology and epidemiology. Didactic and practical training in various aspect of basic research is available, and active participation in the design, organisation and conduct of the studies is required by the candidate.

MISSION STATEMENT:

To provide the trainee with a level of consultant clinical expertise in the administration of tertiary and quaternary anesthetic care to the pediatric population and provide research training towards comprehensive academic knowledge of the field of pediatric anesthesia. Expertise in the treatment of acute post-operative pain treatment will also be acquired.

DESCRIPTION:

The Montreal Children's Hospital is a teaching and research center located in the vibrant and beautiful city of Montreal. We are a tertiary-care centre with approximately 7000 pediatric cases per year.

The trainee is expected to:

- Perform clinical work under the supervision of the staff anesthesiologists. (Dr. Karen Brown, Dr. Natalie Buu, Dr. Ruben Carranza, Dr. Vincent Collard, Dr. Annie V. Coté, Dr. Joëlle Desparmet, Dr. Pierre Fiset, Dr. Chantal Frigon, Dr. Kristine Klubien, Dr. Ivana Kocur, Dr. Indrani Lakheeram, Dr. Josée Lavoie, Dr. Catherine Paquet, Dr. Teresa Valois and Dr. Davinia Withington)
- Perform call duties:
Second Call: maximum of 8 Second Calls per month. Second Call begins at 15:30 on weekdays, and 7:00 on weekends
Stat Weekends: Maximum of 3 stat holiday weekends in 12 months.

- Participation in Monday Morning Departmental Rounds, Thursday Morning Resident/Fellow Rounds and McGill Department of Anesthesia Journal Club.
- Support will be provided to allow the candidate to attend a scientific meeting to present a paper or scientific exhibit subject to the following:
 - research carried out by the Fellow whilst in the Department of Anaesthesia at The Montreal Children's Hospital
 - meeting shall be approved by the Department
- The fellows will have access to the McGill University, Montreal Children's Hospital and Departmental libraries. The fellow will also have access to a computer.

ACUTE/CHRONIC PAIN SERVICE COMPONENT:

1. Fellows will spend a total of 3-months on the Acute/Chronic Pain Service (A/CPS) throughout the clinical year. This will be divided into a 1-week pain service per 3 weeks clinical.
2. Responsibilities on the Acute/Chronic Pain Service:
 - a. APS rounds with the APS team (Pain Nurse, Resident, Staff)
 - b. Cover consults to the APS and CPS.
 - c. Cover assigned clinical procedures with the staff assigned to pain.
 - d. Get sign-out from the pain nurse at 14:30.
 - e. Rounds at the end of day
3. Pain call on weekends. This includes rounding Saturday/Sunday morning. Cover pain Saturday/Sunday during pain week.
4. Teaching/Presentations:
 - a. Presentation to ward nurses (once)
 - b. PCA day Teaching / Cover staff in rooms
 - c. Monday Morning Rounds (once for the APS)
 - d. Prepare 1 protocol for the APS.