

## **Fellowship in Anesthesia for Hepatobiliary Surgery and Transplantation**

**Duration:** 1 year

**Number of positions:** 1

**Fellowship supervisor:** Thomas Schricker MD PhD  
Ralph Lattermann MD PhD  
Peter Metrakos MD MSc

**Hospital:** Royal Victoria Hospital  
McGill University Health Centre

**Clinical work / research:** The fellowship includes at least 60% clinical activities and up to 40% research. The candidate will participate in the preparation and conduct of clinical research projects.

**Funding:** Division of Hepatobiliary and Transplant Surgery

**Mission statement:** To offer anesthesiologists the possibility to learn about perioperative hepatic protection using pharmacological, nutritional and physiological interventions. Under supervision, the candidate will participate in the development and implementation of novel perioperative strategies aimed at accelerating the recovery process of the liver and improving outcomes after liver resection, liver pancreas and kidney transplantation.

### **Description:**

1. Clinical care. Under the supervision of staff anesthesiologists the trainee will be involved in anesthesia care of patients undergoing liver resections, radiofrequency ablations, Whipple's procedures and transplantations of the liver, kidney and pancreas. The candidate will become familiar with anesthesia techniques (combined regional/general, regional anesthesia) and the application of pharmacological interventions. The candidate will participate in the on call system for solid organ transplantation.
2. Research. The candidate will become familiar with several research methods such as stable isotope methodology, indirect calorimetry, hyperinsulinemic-normoglycemic clamp technique, biochemical assays and clinical outcomes assessment. Enrolment in an MSc program at McGill University is expected.
3. The candidate will participate in all academic activities organized by the McGill Department of Anesthesia (grand rounds, journal club, teaching rounds, the annual McGill Anesthesia Update course, and the annual research day) The candidate will also participate in

selected activities of the Division of HPB and Transplant Surgery (Mortality and Morbidity Rounds, research meetings, journal clubs, Annual HPB and Transplant Symposium, etc).