

Fellowship in
**Hepatobiliary and
Surgical Oncology**

| healthsci.mcmaster.ca/anesthesia |

FOCUSED ON A
**BRIGHTER
WORLD**



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Anesthesia

McMaster
University 

Clinical Objectives

The fellow will be expected to practice independently depending on the needs of the department after discussions with the department leadership at Hamilton Health Sciences.

By the end of the fellowship

- the fellow should be able to conduct a preoperative evaluation including the need for invasive monitoring, investigations and optimization for patients undergoing any major surgical oncology procedure.
- prepare for the operating room lists they are assigned to and review the list to ensure consultation recommendations have been adhered to and communicated with the concerned surgeon.
- should be an active participant in the WHO surgical checklist ensuring communication with patient and the operating room team.
- the fellow should be able to independently manage the perioperative anesthetic requirements for high-risk procedures in patients with significant morbidity and mortality risk and gain deeper understanding of physiological principles.
- should be proficient in technical skills including but not limited to thoracic epidurals, TAP blocks, placement of invasive monitoring such as arterial, central and pulmonary artery catheters and advanced airway management and have the ability to use and interpret non-invasive cardiac output monitors such as the FloTrac™.
- should understand the considerations for providing anesthesia outside of the operating room.
- should be proficient in the management and use of blood products including the understanding and use of massive transfusion protocols.
- should be able to manage acute postoperative pain.
- should be able to make decisions on postoperative disposition based on both preoperative morbidity and intraoperative critical events.



Educational Objectives

Fellows are expected to attend and participate in all department

and interdisciplinary rounds.

- the fellow should be able to supervise and teach medical students and residents in the operating room.
- the fellow should present their project/research or a topic of their interest related to hepatobiliary surgery locally, nationally or internationally.
- the fellow will participate in monthly Anesthesia journal clubs. They should be able to conduct a critical review of publications and assess impact on clinical practice.



Research Objectives

There will be opportunities to complete existing research projects, initiate new ones and to present findings at local, national and international meetings. The fellow is strongly encouraged to help design and complete at least one clinical research or quality improvement project with appropriate supervision and mentorship. The fellow will receive half to one day a week of protected academic time and will be encouraged to devote the majority of the protected time to the research project. The anesthesia research group meetings take place every second Tuesday of every month, from 4-5 pm. Participants include researchers, grant writers, statisticians, and research assistants. We encourage the fellow to send their project proposal ahead of time to ensure completion. The fellowship also offers the possibility for the fellow to get involved in quality improvement projects.

**HOSPITAL SITE:**

Hamilton Health Sciences
McMaster University

DURATION:

12 months

QUALIFICATIONS:

FRCPC or eligibility

Fellowship Description

The fellow will rotate through Hamilton Health Sciences, the main hospitals being Juravinski Hospital and Hamilton General Hospital. The Juravinski Hospital is the site where most of the surgical oncology work takes place. The fellow will be involved in the management of cranial and spinal tumors which is based at Hamilton General Hospital. This would be a 2-month rotation. There is the possibility of spending 1 month at Toronto General Hospital observing liver transplants.

Application

Please submit completed application to our PGME Department
pgme.mcmaster.ca/apply/fellowships-application/

Inquiries About the Application

For inquiries about the Anesthesia for Hepatobiliary and Surgical Oncology Fellowship Program, you may contact the Department of Anesthesia at anesadm@mcmaster.ca.

Inquiries About the Fellowship

Dr. Saeda Nair, MBBS, FRCA, DipMed

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