

Fellowship in Anesthesia for Thoracic Surgery

Duration: 1 Year
Number of positions: 1
Fellowship supervisors: Thomas M Hemmerling, MSc MD
Andrew Owen, MD

Hospital: Montreal General 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.

Mission statement: To offer anesthesiologists the possibility to learn all aspects of thoracic anesthesia. The candidate will study the basic pathophysiology of the diseases affecting patients presenting for thoracic surgery as well as the basic and advanced principles of anesthetic care for patients undergoing thoracic surgery. A specific importance is accorded to learning the principles of clinical research.

Description:

1. Clinical care. Under the supervision of staff anesthesiologists the candidate will be involved in the anesthesia care of patients undergoing thoracic surgery. Clinical work will encompass all major areas of thoracic anesthesia with the exception of lung transplantation. Anesthesia for pulmonary resection, esophageal resection, and mediastinal surgery represents the majority of clinical work. The fellow will also participate in certain special cases of airway surgery (tracheal/bronchial resection) and

chest trauma. In addition there will be anesthesia for diagnostic procedures such as bronchoscopy (flexible/rigid), endobronchial ultrasound, airway laser and stenting procedures.

There is the possibility of arranging time in preoperative evaluation of patients, in the pulmonary function laboratory as well as in chest diagnostic radiology.

2. Research. The candidate will be enrolled in a structured clinical research program,. Emphasis is established for the application of new technologies. Currently, they are several clinical studies ongoing in thoracic anesthesia.

3. The candidate will participate in all academic activities (grand rounds, journal club, teaching rounds, annual research day, etc) organized by the McGill Department of Anesthesia.