



GENERAL ANESTHESIA BLOCK (PGY-3 & 4)

THE ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA

Objectives of Training and Specialty Training Requirements in Anesthesia

Specific Objectives in CanMEDS Format

OVERALL GOALS

During a general anesthesia rotation, the resident will be expected to display an understanding of advanced anesthesia practice and apply this knowledge for the management of patients. The overall goal of this rotation is to allow the resident to gain further experience in a variety of anesthesia management situations, elective, emergent and consultative.

ROTATION OBJECTIVES

At the completion of the General Anesthesia rotation, the resident should exhibit the following knowledge, skills and attitudes:

Medical Expert/Clinical Decision-Maker

- The resident will be able to describe and implement clinical preoperative assessment, including risk assessment, and comprehensive anesthetic planning.
- The resident will demonstrate an understanding of the physical principles relating to anesthesia equipment, as well as the safety aspects pertaining to this equipment, including equipment checking.
- The resident will be able to apply their knowledge of the physical principles of monitoring systems to the clinical practice of anesthesia, with particular reference to common monitoring devices – EKG, Pulse Oximetry, Non Invasive and Invasive Blood Pressure Monitoring, Gas Analysis, Temperature Monitoring, Peripheral Nerve Stimulation.
- The resident will be proficient at airway management, demonstrating competence with mask ventilation, airway insertion, direct laryngoscopy, and the use of Glydoscope, Laryngeal Mask Airway devices and bronchoscope.
- The resident should be proficient at securing peripheral intravenous access, and be skilled with techniques of arterial and central venous cannulation.
- The resident should be capable of performing spinal anesthesia, and be skilled with epidural techniques, as well as having good comprehension of the equipment, indications, limitations and contraindications for regional anesthesia.
- The resident will be familiar with the pharmacology of commonly used drugs in the perioperative period, as well as drugs used during resuscitation, and in the

management of patients with common co morbidities. They will be aware of common drug interactions.

- The resident will be capable of providing anesthesia for ASA 3 and 4 patients undergoing complicated surgery with some supervision
- For those rotating at:

Victoria Hospital:

- Supervised provision of advanced obstetrical anesthesia
- Resident should understand the anatomy, physiology, pharmacology and psychology for pediatric patients

University Hospital:

- Resident should provide care for advanced neurosurgical cases and manipulate physiology and pharmacology as it applies to intracranial pressure.
- Resident should provide anesthetic management for transplantation cases.

St. Joseph's Health Care:

- Residents will be able to identify and predict issues that are specific to ambulatory surgical cases, including, pain control, nausea and vomiting, rapid turnover discharge criteria.

Communicator

- The resident will be able to effectively communicate with patients and/or their families for the purpose of eliciting an appropriate history.
- The resident will effectively communicate the risks and benefits of the anesthetic options available for the patient's surgery for the purpose of informing the patient and including them in the decision making process.
- The resident will be able to effectively communicate with all colleagues and members of the team involved in caring for the patient.
- The resident will communicate anesthetic concerns to supervising anesthesiologist during care of patients.

Collaborator

- The resident will cooperate with colleagues to ensure patient care and safety.
- The resident will recognize the key interactions between members of the operating room team, and strive to facilitate optimal patient care.



Leader

- The resident will be able to describe or apply the principles of effective operating list management, through planning and preparation.

Health Advocate

- The resident will continue to promote the health of their patient, and will develop a responsible attitude towards the utilization of finite healthcare resources.

Scholar

- The resident will be self-directed, and focused on their career learning objectives.
- The resident will seek to apply the principles of evidence-based practice, and continually try to justify clinical decision making processes.
- The resident should make a reasonable effort to prepare by prior reading or enquiry for each day's work.
- The resident should attend and participate in the formal teaching opportunities offered within the department, and develop an awareness of research activities within their environment.

Professional

- The resident will demonstrate professional behavior towards senior and junior colleagues, patients and allied healthcare workers.
- The resident will demonstrate a mature work ethic, in keeping with the privilege of practicing medicine.
- The resident will accept advice and constructive feedback from their supervisors at times of formal assessment.

Reviewed: June 2012, Dr. Granton