

MCMASTER UNIVERSITY  
CCFP(EM) RESIDENCY TRAINING PROGRAM

**OBJECTIVES: ANESTHESIA ROTATION**

**1. Medical Expert**

- a. Demonstrate diagnostic and therapeutic skills for ethical and effective patient care.
- b. Access and apply relevant information to clinical practice
- c. Demonstrate effective consultation services with respect to patient care, education and legal opinions.
- d. The Emergency Medicine Resident will demonstrate knowledge regarding:
  - i. Mechanical ventilation
  - ii. Fluid resuscitation
  - iii. Administration of blood and blood products
  - iv. Regional anaesthesia
  - v. General anaesthesia
  - vi. Presentation, pathophysiology, and management of upper Airway disease, traumatic and non-traumatic
  - vii. Invasive monitoring
  - viii. Pharmacology of applicable anaesthetic agents
  - ix. Surgical airway control – cricothyrotomy
- e. The Emergency Medicine Resident will:
  - i. Insert an oral and nasopharyngeal airway
  - ii. Manually ventilate (bag-valve-mask)
  - iii. Perform direct laryngoscope
  - iv. Insert an end tracheal tube, oral and nasal
  - v. Mechanically ventilate
  - vi. Initiate venous access, peripheral and central
  - vii. Manage fluid status of an ill/anaesthetized patient
  - viii. Induce anaesthesia
    1. With paralysis
    2. Without paralysis
  - ix. Rapid Sequence Induction
  - x. Conscious sedation
  - xi. Administer selective regional anaesthesia
  - xii. Anticipate and appropriately handle emergent situations

## **2. Communicator**

- a. communicate effectively and compassionately with the patient and family
- b. Establish therapeutic relationships with patients/families.
- c. Obtain and synthesize relevant history from patients/families/communities.
- d. Listen effectively.
- e. Discuss appropriate information with patients/families and the health care team.

## **3. Collaborator**

- a. Understand the importance of a multidisciplinary team and interact effectively with physicians, nurses, and other health professionals
- b. Consult effectively with other physicians and health care professionals.
- c. Contribute effectively to other interdisciplinary team activities.

## **4. Manager**

- a. Allocate finite health care resources wisely.
- b. Understand the basic principles of quality assurance/risk management issues
- c. Utilize information technology to optimize patient care, life-long learning and other activities
- d. Utilize resources effectively to balance patient care, learning needs, and outside activities.
- e. Work effectively and efficiently in a health care organization.

## **5. Health Advocate**

- a. Contribute effectively to improved health of patients and communities.
- b. Develop an understanding of the bioethical issues affecting patients.
- c. Identify the important determinants of health affecting patients.
- d. Recognize and respond to those issues where advocacy is appropriate.
- e. Understand various approaches to health care advocacy and policy change

## **6. Scholar**

- a. Apply best practice to patient care decisions, based on critical appraisal of relevant literature.
- b. Contribute to development of new knowledge.
- c. Demonstrate the skills of self-assessment and self-directed learning by identifying their own areas of improvement and addressing them with resources available.
- d. Develop, implement and monitor a personal continuing education strategy.
- d. Facilitate learning of patients, medical trainees/students and other health professionals.

## **7. Professional**

- a. Deliver highest quality care with integrity, honesty and compassion.
- b. Demonstrate the maturity and responsibility expected of all professionals
- c. Exhibit appropriate personal and interpersonal professional behaviours.
- d. Practice medicine ethically consistent with obligations of a physician.
- e. Demonstrate understanding of the principles of informed consent and apply this to anesthetic care.

For questions or comments, please contact:

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