



EMERGENCY MEDICINE ROTATION (PGY-1 OR ELECTIVES FOR PGY-2 TO 5)

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

The goal of the Emergency Medicine rotation for trainees in anesthesia is consolidation of the trainee's knowledge of acute medical and surgical illnesses. In addition, development of an approach to the assessment and management of the trauma victim and critically ill patient (eg. evolving myocardial infarction, status asthmaticus, severe pulmonary embolism, etc.) will be emphasized.

ROTATION OBJECTIVES

At the completion of training, the resident will have acquired the following competencies and will function effectively as:

Medical Expert/Clinical Decision Maker

Specific Knowledge Requirements

The resident will be able to:

- List the common acute and chronic disease processes presenting in the emergency department.
- Describe the pathophysiology of these diseases.
- Describe the usual therapeutic measures used to treat these diseases.
- Recognize disease processes that require urgent/emergent medical or surgical intervention.
- Be able to describe the ACLS and ATLS protocols for patient intervention.

Specific Skill Requirements

The resident will be able to:

- Complete a history and physical assessment of the patient presenting in the emergency room with special emphasis on the presenting complaint.
- Request and interpret appropriate investigations required to assess the patient's complaint.
- Present a stratified differential diagnosis of the patient's illness.
- Prescribe initial management of the patient's condition, including resuscitation of the acutely ill patient.



- Demonstrate basic technical skills such as skin suturing, fracture casting, etc.
- Demonstrate an understanding of the approach to and rationale for arterial and central line insertion and intubation.
- Understand the ACLS approach to assessment and resuscitation of the patient with a critical cardiac illness where appropriate.
- Understand the ATLS approach to assessment and resuscitation of the trauma victim.

Communicator

The resident will be able to:

- Obtain and document the relevant medical history and physical examination thoroughly and efficiently.
- Develop communication skills with other members of the health care team to benefit the patient.
- Describe patient information and outline management plans to the attending emergency consultant in a professional and intelligent manner.
- Explain care management plans for discharge to patients in a clear, concise, easy to understand manner.

Collaborator

The resident will be able to:

- Describe the importance of the role of each of the members of the emergency department team, and support them in fulfilling their roles.
- Describe emergency room conditions warranting consultation with other health care providers (i.e. general surgeon, internist, cardiologist, etc.).
- Review management plans and courses of action with the attending emergency department consultant.

Leader

The resident will be able to:

- Consider health care resources when determining the patient's emergency department management plan.
- Acknowledge the difficulties and decision-making involved in utilization and allocation of finite health care resources.
- Become proactive in ensuring appropriate discharge from emergency department, or referral for consideration of admission to hospital for their patients.



Health Advocate

The resident will be able to:

- Understand the complex emotional effects of the illness on the patient and their family.
- Provide appropriate education to ensure patients are well informed and well prepared for discharge from the emergency department, or possible admission to hospital.
- Encourage patients to optimize their health status.

Scholar

The resident will be able to:

- Teach medical students, under supervision of staff, about clinical problems and instruct them in technical skills
- Demonstrate critical review of the literature and understand and evaluate new information and research

Professional

The resident will be able to:

- Demonstrate integrity and honesty when interacting with patients, families, and other health care professionals.
- Be punctual, efficient, and respectful at all times.

Evaluation

- There will be ongoing daily evaluation by the consultant staff and residents
- An end-of-rotation written evaluation will be discussed with the trainee and signed by both parties

Reviewed: September 2016, Dr. Al-Areibi