

RESPIROLOGY ROTATION (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 Respiriology rotation for trainees in anesthesia is the development of an understanding of the common respiratory diseases, their treatment, and their implications for anesthetic management.

ROTATION OBJECTIVES

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

Medical Expert

Specific Knowledge Requirements

The resident will be able to:

- Describe the pathophysiology of respiratory diseases including reactive airways disease, restrictive lung disease, pulmonary malignancy, tuberculosis, cystic fibrosis and other infectious and occupational lung diseases.
- Describe the natural history and complications of these respiratory diseases.
- Describe the symptoms and physical findings associated with the diseases.
- Describe the usual acute and long term management and therapeutic measures used to treat these diseases.
- Describe the laboratory tests used in evaluating pulmonary disease, along with their indications, interpretations and limitations.
- Describe the perioperative risk factors for patients with respiratory diseases undergoing surgery.
- Describe the necessary preparation and premedications for patients with respiratory diseases undergoing surgery.

Specific Skill Requirements

The resident will be able to:

- Complete a history and physical assessment pertinent to the respiratory system.
- Present a stratified differential diagnosis of the patient's illness.
- Prescribe initial management of the patient's condition.



- Interpret common laboratory evaluations in respiratory medicine, including chest x-ray, arterial blood gases, pulmonary function tests and nuclear medicine imaging of the pulmonary system.

Communicator

The resident will be able to:

- Obtain and document the relevant medical history thoroughly and efficiently.
- Develop communication skills with other members of the health care team to benefit the patient.

Collaborator

The resident will:

- Be aware of the role of the respirology consultant in perioperative management of the surgical patient.

Health Advocate

The resident will:

- Understand the complex emotional effects of the illness on the patient and their family.
- Encourage patients to optimize their health status.

Professional

The resident will:

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

Reviewed: June 2012, Dr. Granton