

THORACIC SURGERY OBJECTIVES

Please note that these objectives supplement the RCPSC objectives

General objective: During this rotation the resident will gain an appreciation of the role of a thoracic surgeon in management of pulmonary pathology. They will also gain knowledge of the staging and treatment options for pulmonary malignancies.

MEDICAL EXPERT

1. Given a patient with lung cancer, the resident will be able to stage the patient. They will be familiar with the current staging system and all staging tests appropriate to thoracic oncology.
2. Given a patient with lung cancer or a thoracic malignancy, the resident will demonstrate knowledge of the diagnostic work-up, treatment and prognosis with and without therapy.
3. The resident will demonstrate knowledge of the appropriate stage matched treatment options.
4. Given a patient with resectable lung cancer, the resident will be able to assess the suitability of the patient for curative surgery (pre-operative evaluation).
5. The resident will demonstrate familiarity with surgical interventions relevant to respirology - mediastinoscopy, thoracoscopy, rigid bronchoscopy, and thoracotomy. The resident will be able to discuss the role of these surgeries in the management of lung disease and the impact these surgeries have on a patient.
6. The resident will demonstrate knowledge of surgical interventions required for that of pleural disease (empyema).
7. Given a patient recovering from thoracic surgery the resident will be able to recognize and manage common peri-operative complications.

COMMUNICATOR

8. The resident will be able to communicate clearly with patients and families addressing diagnosis, prognosis, natural history and treatment options including surgery for lung cancer.

COLLABORATOR

9. The resident will learn to appreciate the importance of collaboration between surgeons and respirologists in the management of lung cancer, pleural disease and other pulmonary conditions such as massive hemoptysis.

MANAGER

10. The resident will appreciate the running of a busy thoracic surgical ward combining daily rounds, surgery and outpatient clinics.

HEALTH ADVOCATE

11. The resident will serve as an advocate for their patient's health which includes promotion of smoking cessation, exercise and other appropriate preventative health strategies.

SCHOLAR

12. The resident will demonstrate critical appraisal of the literature, where appropriate, and integrate this to their clinical practice involving thoracic surgery.

PROFESSIONAL

13. The resident will display both professional and personal behavior appropriate to the service, and will be guided by bioethical principles.

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