

RESPIRATORY MEDICINE – GUIDELINES & OBJECTIVES

At the end of the appointment, the student should be able to

Prerequisites

1. Take a complete and relevant history from a patient with a respiratory complaint
2. Do a physical examination with particular emphasis of the respiratory system, elicit physical signs and interpret the findings confidently and accurately

Specific objectives

3. Recognize different presentations of tuberculosis and other common and important respiratory diseases(pneumonia, bronchial asthma, COPD, lung cancer and pulmonary fibrosis, occupational and industrial lung disease).
4. Explain the aetiology, pathology, clinical features and management of tuberculosis and common and important respiratory diseases
5. Learn the indications for special investigations in respiratory medicine (viz. examination of sputum, Mantoux test, skin prick tests, radiological procedures, respiratory function tests, lymph node biopsy, pleural aspiration and biopsy, bronchoscopy), observe the procedures (including the collection of test material where relevant), and interpret the results
6. Describe special treatment procedures in respiratory medicine (viz. chest physiotherapy, inhalation technique, nebulisation) and the indications for such procedures and be able to educate the patient about such procedures)
7. Describe the therapeutic regimens for tuberculosis and discuss the advantages and disadvantages of each regimen
8. Recognize the adverse effects which may arise from anti-tuberculosis treatment
9. Recognize, understand and appreciate social, psychological and related problems affecting tuberculosis and other common respiratory patients and their families.
10. Describe the notification, case detection, screening, and other preventive strategies in tuberculosis control and understand the organization and functioning of the tuberculosis control programme and other respiratory medicine services locally and at national level
11. Learn the adverse health effects of air pollution

The above objectives are achieved by

- a. Clerking patients and maintaining case records
- b. Attending ward-classes and discussions
- c. Observing ward and clinic procedures
- d. Reading lecture notes and textbooks
- e. Reading guidelines such as GINA guideline, GOLD guideline