

Course specification: respiratory disease

College: college of medicine.

Department: internal medicine, pulmonary medicine.

Course code:

Course title: respiratory diseases.

Year: fourth year.

Semester: semester 1 and 2

Credit hours: 22 hours

Course director: pr. Ali Talib

Pre-requisites: ----

Learning outcomes:

Describe the normal anatomy and physiology of the respiratory system. Explain the pathophysiology of major respiratory diseases. Identified the clinical presentation, diagnosis, and treatment of common respiratory conditions.

Perform basic respiratory function tests (spirometry) and interpret the results. Develop a differential diagnosis for patients presenting with respiratory symptoms. Formulate a management plan for patients with respiratory diseases. Communicate effectively with patients and other healthcare professionals about respiratory diseases. Course Content.:

Anatomy and physiology of the respiratory system

Gas exchange and transport

Pulmonary function testing

Approach to the patient with respiratory symptoms

Upper respiratory tract infections

Lower respiratory tract infections (pneumonia, bronchitis)

Chronic obstructive pulmonary disease (COPD)

Asthma

Interstitial lung diseases

Pulmonary embolism

Pleural diseases

Lung cancer

Sleep-related breathing disorders

Teaching and Learning Activities:

Lectures

Small group discussions

Case studies

Problem-based learning (PBL)

Laboratory sessions (e.g., spirometry)

Clinical skills workshops

Assessment:

Midterm exam

Final exam

Case presentations

Quizzes

Skills assessments (e.g., spirometry)

Course Materials:

Required textbook: [Davidsons for internal medicine]

Grading Scheme: