UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Respiratory Tract Diseases A

2021-3-H4101D257-H4101D041M

Aims

Patient's history taking, with focus on cardiovascular and respiratory problems, Diagnostic assessment with critical data interpretation, Physical examination, Main clinical signs and symptoms. Knowledge of normal ranges of the main diagnostic tests for the cardiovascular and respiratory systems.

Contents

Collection and interpretation of patients' medical history, main signs and symptoms of cardiovascular and respiratory diseases. To provide the tools for the correct use of biochemical tests, and the definition of their indications and interpretation. Information on how to perform correctly a physical examination with particular regards to venous and arterial vessels, as well as to cardiovascular and respiratory systems.

Detailed program

PNEUMOLOGY A

- Anatomy, physiology and pathophysiology of the lung;

- basic knowledge of respiratory endoscopy, pulmonary function tests, imaging of the thorax, acute and chronic respiratory failure, including blood gas analysis interpretation;

- prevention and diagnosis of lung infections, including pneumonia and tuberculosis;

- chronic pulmonary diseases, including asthma, COPD, bronchiectasis and cystic fibrosis;

- pleural diseases, including pneumothorax, pleural effusion and pleural infections. Basic knowledge of pleural procedures and imaging;

- interstitial lung disorders, including sarcoidosis and idiopathic pulmonary fibrosis;

- epidemiology, diagnosis and staging of pleural and lung tumors;

- Principles of smoking cessation.

- Principles of palliation in chronic pulmonary diseases

Evidence based medicine diagnostic guidelines of the main pulmonary pathologies

Prerequisites

Propaedeutic skills

Teaching form

Lectures and exercises.

In the Covid-19 emergency period, lessons will be held remotely asynchronously with synchronous videoconferencing events

Textbook and teaching resource

Harrison's: "Principles of Internal Medicine" Ed. McGraw Hill

For further insight

HURST- The Heart 12th Ed. McGraw Hill

Dioguardi – Sanna: Moderni aspetti di semeiotica medica - Segni sintomi e malattie Ed.Seu

Sabiston: “Textbook of surgery” Ed. Saunders

Zanussi: “Il metodo in medicina clinica” Ed. Mattioli

McPherson RA, Pincus MR Henry's Clinical Diagnosis and Management by Laboratory Methods, 23a English edition. Ed. Elsevier, 2016

Federici G. Medicina di laboratorio ed McGraw-Hill. IV ed., 2014

Marshall W, Lapsley M., Day A Clinical chemistry ed Mosby. 8a ed. Ed. Elsevier, 2016

Semester

1st semester

Assessment method

Written and oral test. Multiple choice test comprising 30 questions with only one correct answer (among 5) aimed at evaluating global comprehension of course program. Each correct answer is scored 1.

In consideration of the COVID emergency period, the oral exams will only be telematic. They will be carried out using the WebEx platform.

Office hours

On appointment