UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Respiratory Sciences I

2021-4-H4102D024-H4102D089M

Aims

The course will provide the essential knowledge on the diagnosis and clinical management of the most important respiratory diseases. After completion of this course, the student will learn the basics of history taking and physical examination (with focus on respiratory problems), the main clinical signs and symptoms, diagnostic assessment with critical data interpretation, and normal ranges of the main diagnostic tests for the respiratory system.

Contents

- Specific diagnostic tests for respiratory disorders; lung infections; chronic pulmonary diseases

Detailed program

· Specific diagnostic tests for respiratory disorders: 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.

Prerequisites

- Basic anatomy, physiology, pathology and pharmacology of respiratory system

- Basic clinical skills

- English language

Teaching form

- During COVID-19 emergency period, the lectures and clinical case/problem discussions will be held remotely by synchronous online videoconference or recorded video lectures available on demand.

All course activities will be held in English language

Textbook and teaching resource

- Harrison’s Principles of Internal Medicine 20th Edition 2018, McGraw-Hill

Semester

- First semester

Assessment method

- Written exam with multiple choice quiz comprising 30 questions with only one correct answer (among 5) aimed at evaluating global comprehension of course program. Each correct answer is scored 1. A minimum score of 18 is required for being admitted to oral examination
- Oral examination (discussion on topics covered during the lectures or clinical case analysis)

*During the Covid-19 emergency only telematic exams will be available. They will be carried out using the WebEx

platform. For access to the events, the links will be published in the e-learning page of the subject
All assessments will be done in English language

Office hours

By email appointment at paola.faverio@gmail.com