UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pneumology

2526-6-H4101D335-H4101D197M

Aims

The course aims to provide the knowledge base and essential practical tools to be able to recognize signs and symptoms of the main pulmonary and pleural diseases, verify possible differential diagnoses, interpret laboratory and instrumental tests and propose a therapeutic and follow-up program.

Contents

Diagnostic principles and therapeutic approach of 1) chronic obstructive respiratory diseases, 2) respiratory failure, 3) diffuse infiltrative pneumopathies, 4) respiratory infections, 5) pulmonary arterial hypertension, 6) lung cancer, 7) obstructive sleep apnea

Detailed program

- Diagnosis and treatment of the main obstructive respiratory diseases (asthma and COPD) both in the stability phase and in the exacerbation phase with reference to the techniques and therapies for smoking cessation;
- Differential diagnosis of respiratory failure and its treatment with oxygen therapy and non-invasive ventilation;
- Classification of diffuse infiltrative pneumopathies, differential diagnosis and related treatment;
- Acute and chronic respiratory infections and their treatment;

- Diagnostic and therapeutic indications for pulmonary arterial hypertension and obstructive sleep apnea
- Diagnosis and treatment of lung tumors.

Prerequisites

Knowledge related to the preparatory courses indicated in the degree course regulations

Teaching form

12 hours of in-person teaching
of which 4 hours in co-presence

Textbook and teaching resource

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

Semester

First semester

Assessment method

see Syllabus of the Course

Office hours

By appointment (paola.faverio@unimib.it ; fabrizio.luppi@unimib.it)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION