



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Respiratory Tract Diseases A

2223-3-H4101D257-H4101D041M

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#### Aims

Past Medical history, Diagnostic reasoning on symptoms, Main clinical signs and symptoms related to diseases of the respiratory system. Role, limits and purpose of laboratory tests

#### Contents

Collection of elements of medical history and execution of general and specific physical examination and laboratory tests for the respiratory system. Differential diagnosis on main pulmonary symptoms and diseases.

#### Detailed program

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.

## **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**

Oral test aimed at evaluating global comprehension of course program.

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

## **Office hours**

On appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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