

## COURSE SYLLABUS

### Respiratory Apparatus

2223-2-I0201D138-I0201D214M

---

#### Aims

- provide a good level of knowledge of the pathophysiology of the respiratory system that allows understanding the processes that underlie respiratory pathology.
- illustrate the meaning and usefulness of the fundamental functional respiratory tests (simple and global spirometry, blood gas analysis, exercise tests) to guide rehabilitation
- briefly but precisely describe the pathogenesis
- quickly describe symptoms and diagnostic criteria of the main respiratory pathologies, in particular those requiring rehabilitation
- mention the treatment of asthma and COPD, considering that physiotherapists are in contact with patients for a long time and are therefore able, better than doctors, to evaluate and guarantee adherence to therapy

#### Contents

respiratory system pathophysiology

respiratory function tests

#### Detailed program

asthma

COPD

bronchiectasis and cystic fibrosis

pneumonia

pleurisy/pleural effusion/pneumothorax

tuberculosis

pulmonary embolism

lung tumors

pulmonary interstitial disease

oxygen therapy and pulmonary ventilation

### **Prerequisites**

pulmonary anatomy and physiology

### **Teaching form**

Classes in attendance

### **Textbook and teaching resource**

Handouts

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

### **Semester**

2nd semester

### **Assessment method**

Described in the subject's syllabus

## **Office hours**

by appointment

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

---