UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Pathology and Clinic of The Cardiocirculatory and Resporatory Apparatuses

2425-2-I0201D138

Aims

The course aims to provide students with the necessary information to be able to recognize the situation of clinical emergency and the skills to protect the life of patients waiting for medical attention. Also at the end of the course the student will know the major warning signs of worsening of the most common clinical pictures of rehabilitative interest. Know the main cardiopulmunar diseases and be able to use rehabilitative techniques that apply to them. Understand the clinical features of internistic and surgical pathologies of rehabilitative interest. The course aims at developing the students' knowledge on the pathophysiologic bases of respiratory and cardiac functional alteration, of signs and symptoms, pathogenesis and clinical pathophysiology of the most important diseases borne by the cardio circulatory system, with reference to the clinical objective examination and to the instrumentation adopted for the assessment and monitoring; the student will have to develop the methodology and approach of physiotherapy techniques using all instruments of objective assessment in order to integrate the different therapeutic approaches within the cardiovascular and respiratory field of physical therapy with particular reference to EBP in any context either caring or clinical.

Contents

Anatomy
Pathophysiology of respiratory diseases
Pathophysiology of cardiac diseases
Pathophysiology of vascular diseases
Internal medicina emergencies

Detailed program

Detailed program is described within each module

Prerequisites

Knowledge from previuos Courses.

Teaching form

Lectures in attendance

Textbook and teaching resource

Slides. Scientific papers.

Semester

Second semester - second year

Assessment method

7 quizzes (multiple choice quizzes with 5 answers of which only one is correct) for each of the 7 modules plus an open question relating to the teaching of Cardiac or Respiratory Rehabilitation, for a total of 50 questions. Exam carried out in the Computer Room

Office hours

by e-mail appointment with professor Froio: alberto.froio@unimib.it

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING