UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiovascular Diseases C

2122-3-H4101D257-H4101D045M

Aims

Patient's history taking, with focus on cardiovascular problems, Diagnostic assessment with critical data interpretation, Physical examination, Main clinical signs and symptoms. Knowledge of normal ranges of the main diagnostic tests for the cardiovascular system.

Contents

Collection and interpretation of patients' medical history, main signs and symptoms of cardiovascular diseases. To provide the tools for the correct use of biochemical tests, and the definition of their indications and interpretation. Information on how to perform correctly a physical examination with particular regards to venous and arterial vessels, as well as to cardiovascular system.

Detailed program

Physical examination of the Heart and Circulation

Valvular Heart Disease

- Congenital and acquired valvular heart diseases
- Physiopathological mechanisms

- Signs and symptoms of the disease and its evolution
- Follow-up and interpretation of diagnostic tests

Heart Failure

- Pathophysiological mechanisms and aetiology of heart failure
- Symptoms and signs: from development to disease progression
- Acute Pulmonary edema
- NYHA Classification
- Planning and interpretation of laboratory and instrumental examinations
- Management of Patients with acute and chronic heart failure

Prerequisites

Propaedeutic skills

Teaching form

Lectures and exercises

During 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

Written and oral test. Multiple choice test comprising 30 questions with only one correct answer (among 5) aimed at evaluating global comprehension of course program. Each correct answer is scored 1.

Office hours

By appointment