UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Cardiocirculatory Apparatus

2021-2-I0201D138-I0201D213M

Aims

To know how to recognize the clinical symptomatology of cardiovascular diseases

Contents

Pathophysiology and Clinical features of the following cardiovascular diseases:

- Chronic heart failure
- Chronic Coronary Syndrome
- Essential and secondary arterial hypertension
- Atrial fibrillation.
- Dislipidemia
- Basic concept of electrocardiography

Detailed program

- Chronic heart failure: pathophysiology, epidemiological mechanisms, types of decompensation (systolic and / or diastolic dysfunction). Diagnostic criteria of heart failure. Role of rehabilitation.

- Chronic coronary syndromes: Clinical presentation of acute myocardial infarction and chronic coronary syndromes. Clinical and instrumental diagnosis. Complications of myocardial infarction. Secondary prevention of coronary events. Coronary revascularization

- Atrial fibrillation: Diagnosys. Risk factors and causes, epidemiology. Clinical manifestations. Clinical and laboratory diagnostic criteria.

- Arterial Hypertension: Definition, diagnosis, epidemiology. Secondary causes of hypertension. Cardiovascular complications of hypertension. Prevention of hypertension. Role of lifestyle.

- Dislipidemia: definition, diagnosys, epidemiology. Target and therapies.

- EKG: basi interpretation of normale and pathological one.

Prerequisites

Basic skills of cardiovascular physiopathology, cardiovascular pathology and cardiovascular semeiotics

Teaching form

Synchronous videotaped lectures with use of power-point presentations with exposure of the fundamental clinical aspects, differential diagnosis of the problems of interest.

Textbook and teaching resource

International guidelines concerning major cardiovascular diseases

Semester

second semester (April 2021)

Assessment method

Interaction with students during the frontal lesson, through questions relating to fundamental points of the topics covered. Evaluation by e-mail of questionnaire in times strictly following the frontal lesson.

Office hours

To be agreed with students, by e-mail contact