



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Malattie dell'Apparato Cardiovascolare

2122-3-H4601D013-H4601D035M

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#### Aims

CARDIOLOGY: diagnostic cardiology, ECG interpretation, cardiovascular risk factors, principal cardiac pathologies.

#### Contents

The course aims to provide students with the tools necessary to understand the main cardiological conditions, in order to complete the medical education of future dentistry graduates.

#### Detailed program

Main diagnostic methods in cardiology (ECG, imaging, biomarkers).

Definition and quantification of cardiovascular risk.

Essential and secondary arterial hypertension, diagnosis and therapy.

Pathophysiology, symptomatology, diagnostic procedures, therapy, complications and prognosis of major heart diseases: ischaemic heart disease, heart failure, cardiomyopathies, bacterial endocarditis, pericarditis. Prophylaxis of endocarditis.

Major arrhythmias. Cardiac pacemakers and defibrillators.

Use of antiplatelet and anticoagulant therapy in patients with cardiological diseases.

Role of sleep apnoea in cardiovascular disease.

**Prerequisites**

Completion of the examinations of the second years courses

**Teaching form**

Lectures and practical sessions.

**Textbook and teaching resource**

Harrison – Principles of internal medicine

**Semester**

Second semester

**Assessment method**

An oral examination is employed to test students' knowledge, after intermediate assessment of the level of knowledge through written examination.

The examination is intended to test students' knowledge acquired in the different modules of the course.

During the exam anatomical models and diagnostic images might be used to assess students' knowledge.

**Office hours**

On appointment

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