



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Metodologia Clinica B

2122-3-H4101D257-H4101D040M

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#### Aims

The Medical Surgical Pathology Course 1 is aimed at acquiring the various patient assessment methods with particular attention to the collection of the medical history, physical examination and laboratory tests with a view to their subsequent application in the specialist field. The topics of the course constitute the necessary tools for understanding the semeiological basis and physiopathology of the main morbid conditions. The notions provided represent the indispensable basis for the acquisition of a scientific method applicable to all the specialized disciplines that the student will face in the course of his professional growth.

Patient's history taking, with focus on cardiovascular and respiratory 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 and respiratory systems.

#### Contents

Collection and interpretation of patients' medical history, main signs and symptoms of cardiovascular and respiratory 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 and respiratory systems.

#### Detailed program

## **Myocarditis**

- Pathophysiological mechanisms of pericarditis, endocarditis and myocarditis
- Signs and symptoms of the disease, its evolution and worsening
- Clinical management based on current international guidelines
- Follow-up and interpretation of instrumental and laboratory examinations

## **Ischemic heart disease**

- Stable and unstable angina
- Myocardial infarction
- Pathogenetic mechanisms

Signs and symptoms of the disease, its evolution and aggravation

- Acute and chronic patient management
- Planning and interpretation of instrumental and laboratory examinations

## **Primary and secondary prevention**

- Dyslipidemia
- Uric acid
- DAPT and DAT
- Low grade chronic inflammation
- Cardiological rehabilitation

## **Prerequisites**

Propaedeutic skills

## **Teaching form**

Lectures and exercises (remote videoconference if needed depending on ministerial rules for COVID-19)

pandemia).

## **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**

on appointment

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