UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Patologia Clinica

2021-3-H4101D257-H4101D036M

Aims

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

To provide the tools for the correct use of biochemical tests, and the definition of their indications and interpretation. Main diagnostic tests for the cardiovascular and respiratory systems.

Detailed program

· Biochemical markers of cardiovascular risk: Lipid profile and C reactive protein

· Markers of myocardial injury: troponins, biochemical and clinical characteristics. Use of troponins in emergency dept, research of new biomarkers.

· Biomarkers of heart failure: NT-proBNP

· Tumor markers

- Immunopathology and immunodeficiency diagnostics.
- Tests for allergy.

Prerequisites

Propaedeutic skills

Teaching form

Lectures and exercises. Lessonswill be registered by remote not synchronized with some synchronized videoconference using the Webex platform

Textbook and teaching resource

McPherson RA, Pincus MR Henry's Clinical Diagnosis and Management by Laboratory Methods, 23a edizione in lingua inglese. Ed. Elsevier, 2016

Federici G. Medicina di laboratorio ed McGraw-Hill. IV edizione, 2014

Marshall W, Lapsley M., Day A Clinical chemistry ed Mosby. 8a edizione in lingua inglese. Ed. Elsevier, 2016

Semester

first 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.

During COVID-19 emergency written tests will be on-line (https://esamionline.elearning.unimib.it) with automatic proctoring system.

Oral exams will be carried out using the Webex platform. A public link for access to the examination will be reported on the page of the course

Office hours

on appointment required by mail