UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# SYLLABUS DEL CORSO

## Medicina Interna

**2425-2-I0102D013-I0102D044M-T1-T5**

### Aims

Learning the fundamentals of epidemiology, clinical presentation, possible complications, diagnosis and treatment of some clinical internist conditions with high prevalence in the population.

### Contents

Diabetes mellitus, hypertension, heart failure, anemia, deep vein thrombosis and pulmonary embolism, glomerulonephritis, acute and chronic renal failure, thyroid disorders, pneumonia, diarrhea, fever of unknown roigine, arthritis.

### Detailed program

Diabetes mellitus type 1 and type 2: epidemiology, acute and chronic complications, hints of therapy (hypoglycemic drugs, incretin mechanism, glyflozines, insulin therapy).
Hypertension: epidemiology, measurements, cardiovascular risk stratification, diagnostic investigations, complications, therapy.
Heart failure: epidemiology, diastolic and systolic function, causes of heart failure, myocardiopathies, hints of therapy.
Anemia: hints on classification, iron metabolism and sideropenic anemia, vitamin B12 and folate and megaloblastic anemia, thalassemias. Hemotransfusion.
Deep venous thrombosis and pulmonary embolism: causes, symptoms and signs, pre-test risk, diagnostic tests, estimation of early mortality risk of pulmonary embolism, hints on anticoagulation therapy.
Glomerulonephritis: primary and secondary, immunologic mechanisms, indication to renal bopsia.
Renal failure: causes (pre-renal, renal, post-renal), classification, acute and chronic renal failure, electolytic

disorders, hints on dialysis therapy.
Hypothyroidism and hyperthyroidism
Pneumonia
Diarrhea
Approach to fever of unknown origin
Arthritis

## Prerequisites

None

## Teaching form

12 hours of lectures with use of power point presentations.

## Textbook and teaching resource

Teaching materials provided by the teacher.

Textbook: Andrè M. Mansoor. Medicina Interna dalla clinica alla diagnosi. Edizione Italiana a cura di Roberto De Giorgio. Piccin. 2022.

## Semester

Second semester

## Assessment method

Multiple-choice quiz, 4 answer possibilities of which 1 is correct

## Office hours

By appointment, by prior arrangement by email

## Sustainable Development Goals

GOOD HEALTH AND WELL-BEING