



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Internal Medicine - 1

2324-2-I0102D013-I0102D044M-T1

---

#### 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, thalasseмии. 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**

Frontal lessons 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

---