



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internal Medicine - 5

2526-2-I0102D013-I0102D044M-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: Andr  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
