UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internal Medicine

2425-3-H4601D013-H4601D034M

Aims

The course aims to provide students with knowledge of the most important medical conditions, the methods of identifying them, and the principles of prevention and treatment. In particular, special attention will be given to diseases of dental interest to promote a multidimensional clinical approach according to a global vision of the concept of health, and to promote awareness of gender differences in the medical-surgical field.

Contents

The module includes the following contents:

Diabetes Mellitus
Hypothyroidism and Hyperthyroidism
Bronchopneumopathies, Asthma, Pneumonia, Interstitial Lung Disease, Pulmonary Embolism
Chronic and Acute Liver Diseases, Cirrhosis, Complications of Cirrhosis
Osteoporosis, Jaw Osteonecrosis, Femur Fractures
Acute and Chronic Renal Failure
Malnutrition and Dysphagia
Parkinson's Disease and Parkinsonism
Cognitive Deficit, Dementia, and Related Disorders

Detailed program

Respiratory physiology, acute and chronic bronchitis, asthma, pneumonia, respiratory failure, arterial blood gas analysis, oxygen therapy, spirometry and its application in asthma pathology.

Classification of chronic liver diseases, fatty liver disease, autoimmune hepatitis, cirrhosis, complications of cirrhosis.
Bone metabolism, epidemiology of osteoporosis, clinical aspects, diagnosis, jaw osteonecrosis, femur fractures, treatments, orthogeriatrics.
Nephrology: renal pathophysiology, approach to the nephropathic patient, acute renal failure, chronic renal failure, overview of renal replacement therapy, glomerular diseases, and major renal syndromes.
Endocrine-metabolic system: type 1 and type 2 diabetes mellitus, diagnosis, clinical aspects, complications, and treatment.
Malnutrition and dysphagia: epidemiology, screening tools, clinical aspects, complications, and treatment.
Parkinson's disease: epidemiology, clinical aspects, diagnosis, and treatment.
Cognitive deficit and dementia: epidemiology, diagnosis, clinical aspects, and treatment.

Prerequisites

Knowledge of the pathophysiological bases of medical and surgical pathologies and the principles of pharmacolog

Teaching form

Approximately 40 hours will be dedicated to instructional teaching activities (DE), conducted in the form of lectures. About 10 hours of teaching will be interactive (DI), mainly involving the collegial discussion of case studies focused on the topics covered in the DE sessions. The course may also include multidisciplinary clinical cases discussed interactively.
The language of the course is Italian

Textbook and teaching resource

Harrison – Principles of Internal Medicine.
Slides and reference articles (upon request) provided by the instructors to the students

Semester

Third year - second half

Assessment method

Single written exam for the 3 modules with 75 multiple-choice questions (both closed and open) and oral exam.
The exam is intended to test the knowledge and skills acquired in the various modules that make up the course and the student's ability to maturely process the concepts.
The final evaluation will take into account the results obtained in the different tests.
No interim tests are planned.

The exam coordinator is Professor Bilo (grzegorz.bilo1@unimib.it)

Office hours

By appointment with email to the teacher (giuseppe.bellelli@unimib.it)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY