UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Internal Medicine

2627-3-H4601D013-H4601D034M

Aims

The course aims to provide students with basic skills in the care of people suffering from medical, pediatric and obstetric-gynecological pathologies. Students will be guided to acquire the theoretical and practical knowledge necessary to recognize care needs and plan targeted interventions, using the process of care and the health documentation tools.

Knowledge and Understanding

By the end of the course, students will be able to:
Describe the main medical, pediatric, and obstetric–gynecological disorders.
Understand the fundamental diagnostic and therapeutic principles related to these disorders.
Recognize the specific care needs of individuals affected by medical, pediatric, and obstetric–gynecological conditions.
Understand the process of identifying, planning, and evaluating clinical interventions.
Demonstrate familiarity with clinical and healthcare documentation tools.
Applying Knowledge and Understanding

By the end of the course, students will be able to:
Apply patient management processes for individuals with medical, pediatric, and obstetric–gynecological conditions.
Systematically identify patients' care needs and develop appropriate care plans.
Use healthcare documentation tools accurately and professionally to ensure continuity and quality of care.
Develop the ability to analyze complex clinical situations, make well-reasoned clinical judgments, and propose effective interventions.

Contents

Anemia: classification. Respiratory system: Bronchiectasis, bronchiolitis, pneumonia. Hepatology: classification of chronic liver disease, steatosis, hepatitis, autoimmune hepatitis, cirrhosis, complications of cirrhosis. Kidney dosorders: care to patients with renal disease, acute renal failure, chronic renal failure, signs of renal replacement therapy, glomerular disease and the main renal syndromes. Cardiovascular: heart failure, ischemic heart disease, major arrhythmic disorders, hypertension and hypotension. Endocrine system: pituitary diseases, hypothyroidism and hyperthyroidism, diabetes. Comprehensive Geriatric Assessment and main geriatric syndromes.

Detailed program

Anemia: classification, megaloblastic anemia, signs on iron metabolism, iron deficiency anemia.
Respiratory: shortness of breath, nods sull'emogaanalisi blood, oxygen therapy, spirometry and its application in pathology of asthma.
Hepatology: classification of chronic liver disease, steato hepatitis, autoimmune hepatitis, cirrhosis, complications of cirrhosis.
Kidney disoders: signs of renal pathophysiology, patient approach to renal disease, acute renal failure, chronic renal failure, signs of renal replacement therapy, glomerular disease and the main renal syndromes.
Cardiovascular signs of cardiac pathophysiology, heart failure, ischemic heart disease, signs of electrocardiography, major arrhythmic disorders, high blood pressure.
Endocrine: overview of pathophysiology, the main diseases of the pituitary, the hypothyroidism and hyperthyroidism, diabetes mellitus.
Comprehensive Geriatric Assessment and main geriatric syndromes.

Prerequisites

Enrollment in the Second Year of the Degree Program in Dentistry and Dental Prosthetics.

Teaching form

The lessons are held in a dispensed mode with lectures, in presence

Textbook and teaching resource

• Ferrara L.A. et al. (2013) Compendio di Medicina Interna, EdiSES.

Semester

Second semester

Assessment method

The exam takes place in written mode with mandatory oral.
Written mode: closed response test
Oral modality: interview on the topics included in the teaching modules and on the exam texts.
The results of the Academic Year will be communicated through the "Exam Exam Calendar"; changes will be possible to the date of the oral interview in relation to the number of students and unforeseen events.
There are no ongoing tests.

Office hours

By appointment

Sustainable Development Goals

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