UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Medicina Interna 2 B

1819-6-H4101D035-H4101D122M

Aims

The course aims to provide students with the practical tools essential for recognizing the signs and symptoms of the main internist pathologies, formulating a diagnosis of these pathologies, verifying the possible differential diagnoses and proposing one or more therapeutic options.

It is also proposed to provide the student with the necessary tools for the interpretation of the most common laboratory and instrumental exams, as well as to elaborate a therapeutic diagnostic plan and follow-up of the main internal pathologies.

Contents

Diagnostic principles and therapeutic approach of 1) cardiovascular diseases, 2) endocrinological and diabetic diseases, 3) infectious diseases of the various systems

Detailed program

Cardiovascular diseases: Cardiovascular risk assessment: risk cohort, primary and secondary prevention dyslipidemia Chronic heart failure due to systolic and / or diastolic dysfunction. Clinical and instrumental diagnosis of decompensation. Pharmacological therapy of decompensation. Non-pharmacological therapy of decompensation, including "electric" therapy. Role of patient education in optimal therapeutic management of the patient with decompensation. Chronic ischemic heart disease. Clinical and instrumental diagnostics. Pharmacological therapy of ischemic heart disease. Role of lifestyle and control of risk factors. Secondary prevention of coronary events. Coronary revascularization. Atrial fibrillation: presentation and classification of arrhythmia. Clinical and electrocardiographic diagnosis of fibrillation. Therapeutic strategy of rhythm control and heart rate control. Prophylaxis for the prevention of cardio-embolic events related to atrial fibrillation

Endocrinological and diabetic diseases: hyperglycemic coma and diabetic ketoacidosis, new antidiabetic drugs therapy of thyroid diseases therapy of parathyroid and pituitary diseases adrenal disease therapy Infectious diseases of the various systems: therapy of the principalities infectious diseases, HIV Candida SIRS, Sepsis and septic shock: pathophysiology, diagnosis and therapy Hematological diseases Physiopathological, diagnostic and therapeutic classification of: Iron deficiency anemias and chronic states, thalassemia and sickle cell anemia, iron overload diseases Management of the patient with anemia, differential diagnosis and flow-chart

Prerequisites

Knowledge of the introductory courses indicated in the Degree Course regulations

Teaching form

Lectures with use of power-point presentations, usually organized with exposure of an interactive clinical case followed by exposure of the fundamental clinical aspects, differential diagnosis and therapy of the problems of interest

Textbook and teaching resource

Harrison's, Principles of Internal Medicine Ed. McGraw Hill, 19' ed.

Swartz MH, Textbook of Physical Diagnosis, 7th ed..

Castoldi G, Liso V, Le malattie del sangue e degli organi emopoietici Ed. McGrawHill 2013

Moroni M, Antinori S, Vullo V, Manuale di Malattie infettive Ed. Masson, 2'ed., 2015

Goodman and Gillman, The pharmacologica basis of Therapeutics Ed. Masson, 12'ed.

Goodman and Cecil, Medicine, 25th Ed.

Linee Guida Internazionali su Scompenso cardiaco cronico, cardiopatia ischemica e Fibrillazione atriale

Semester

Sixth year, I semester

Assessment method

Quiz (15 multiple choice), Clinical case and Oral exam

Office hours