



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Gastroenterologia A

2425-3-H4101D258-H4101D047M

Aims

The course, structured in two modules, Gastroenterology A and Gastroenterology B, aims to provide the knowledge base for learning clinical and surgical semiotics and the pathophysiology of digestive system diseases. Knowledge of pathophysiology in turn represents the basis for understanding the relationships between diseases and their clinical expressions, thus allowing the interpretation of clinical symptoms and signs, laboratory tests and instrumental and radiological diagnostics. The tools are provided to learn the concepts of disease limited to an organ, a system or systemic involvement starting from one or more mechanisms underlying the disease itself.

Contents

Esophageal motor disorders, esophagitis, gastritis, peptic ulcer. Malabsorption syndromes, Crohn's disease and ulcerative colitis; celiac disease. Jaundice, biliary lithiasis, viral hepatitis, chronic nonviral hepatitis, liver cirrhosis and portal hypertension, hepatobiliary tumors. Constipation, diarrhea, irritable bowel syndrome, diverticulosis and diverticulitis. Acute and chronic pancreatitis.

Detailed program

Physiology and pathophysiology of biliary secretion

Hepatic regeneration and liver fibrosis

Genetic diseases of the biliary epithelium

Primary hepatic tumors

Liver immunopathology

Autoimmune liver diseases

analysis and discussion of scientific papers on subjects presented in this part of the course.

Prerequisites

Advanced knowledge in genetics, biology and molecular biology.

Teaching form

Lessons in attendance, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

Reviews

Semester

First semester

Assessment method

These subjects will be evaluated within the exam of the integrated course, that will be an oral examination on the subjects taught during the lectures or on further subjects (part of the program) not exhaustively discussed in class. The exam will be in person.

Office hours

By email

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
