UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Gastroenterology and Hepatology

2425-5-H4102D043-H4102D185M

Aims

The primary goal of the course is to provide students with the pathophysiologic basis of the digestive and liver systems in order to make correlations between the inner mechanisms of diseases and their clinical expression. The student will be able to interpret symptoms, signs and laboratory tests as well as radiologic and endoscopic findings. Clinical tools to understand concepts of organ-limited disease, system involvement or systemic disease will be provided.

Contents

Gastroenterology & Hepatology

Detailed program

Autoimmune liver/Cholestatic diseases
Pancreatitis
IBD/Celiac disease
DILI
Multidisciplinary approach to NAFLD
Viral Hepatitis
Storage diseases
Acute alcoholic hepatitis
Endoscopy in PSC
AI in radiology
Cirrhosis 1

GI Bleeding
Upper GI
Cirrhosis 2
ACLF

Multidisciplinary lessons:
--Chronic Hepatitis
• Pathology & Diagnostic
• Clinical Hepatology
--HCC and liver transplant
• Pathology & Diagnostic
• Clinical Hepatology
• Interventional Radiology
• Surgery
--IBD + Microbiota:
• Pathology & Diagnostic
• Clinical Gastroenterology
• Endoscopy
• Surgery
--GI TUMORS:
• Pathology & Diagnostic
• Clinical Gastroenterology
• Endoscopy
• Surgery

PBL
Neuroendocrine tumors
GI bleeding (upper lower)
Acute abdomen(diverticulitis, peritonitis, perforations)
Esophageal disorders

Prerequisites

enrolled in the 5th year

Teaching form

Lessons
Multidisciplinary Lessons
Problem-based Learning
Case-based Learning

Textbook and teaching resource

- Sleisinger & Fordtran's Gastrointestinal and Liver Disease E-dition. Text with Continually Updated Online Reference (www.sfgastro.com): Pathophysiology, Diagnosis, Management & Liver Disease

(Sleisinger/Fordtran). Eds: Feldman, Mark; Friedman, Lawrence; Brandt, Lawrence J. ISBN: 978-1-4160-3245-8.
- Harrison's Principles of Internal Medicine: The 20th edition of the book, edited by Dennis Kasper, Anthony Fauci, Stephen Hauser, Dan Longo, J. Larry Jameson and Joseph Loscalzo, (17 August 2018). The 21st edition of the book to be released on 28 March 2022
- Zakim and Boyer's Hepatology. A Textbook of Liver Disease. Seventh Edition (2018) (Edited by: Arun J. Sanyal, Thomas D. Boyer, Norah A. Terrault, and Keith D. Lindor)
- Clinical Gastrointestinal Endoscopy: A Comprehensive Atlas. (2018) Ed. Hoon Jai Chun, Suk-Kyun Yang, Myung-Gyu Choi
- Malattie Dell'apparato Digerente 2019-2022: Unigastro (Editrice Gastroenterologica Italiana)
- Reviews

Semester

Second semester

Assessment method

Before being allowed to sustain the oral examination the student should meed the following requirements:

- 70% of attendance to the GI Clerckship

- Approval from the tutor of the acquisition of the required skills** (details of the skills in syllabus Clerkship 9 Gastroenterology & Hepatology I & II)

to sustain and pass the weritten Multiple Choice Test (a minimum score of 27 out of 45)

the oral examination shall be carried out by a multidisciplinary team od teachers, in order to cover all the topics (basic & clinical GI) presented during the course according with the present sillabus, with the discussion of both open issues and case-based clinical evaluation

Office hours

The professor receives by appointment upon agreement by e-mail

Sustainable Development Goals

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