UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Gastroenterology B

2021-3-H4101D258-H4101D179M

Aims

The primary goal of the course is to provide students with the pathophysiologic basis to understand the clinical and surgical semeiotics
and the physiopathology of the digestive and endocrine system 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 provide.

Contents

Motor disorders of the esophagus, gastroesophageal reflux disease and its complications, gastritis and gastropathies, peptic ulcer disease. Maldigestion and malabsorption. Crohn's disease and ulcerative colitis, celiac disease. Jaundice, cholelitiasis, viral hepatitis, chronic non-viral hepatitis, cirrhosis, portal hypertension. Hepatocellular carcinoma and cholangiocarcinoma. Constipation, diarrhea, irritable bowel syndrome,diverticular disease. Acute and chronic pancreatitis.

Detailed program

MOTOR DISORDER OF THE ESOPHAGUS AND GASTROESOPHAGEAL DISEASE - Achalasia; other hypermotility disorders
of the distal esophagus and lower esophagus sphincter; esophageal hypomotility disorders. - Gastroesophageal reflux disease and its
complications - Barret's esophagus - Esophageal disorders caused by infection, sysyemic diseases, radiation, trauma and medications -
Dyspeptic disease ACID-RELATED DISEASES - Gastritis and gastropathies - Peptic ulcer and complication -

Helicobacter Pylori infection - Zollinger- Ellison’s syndrome ABDOMINAL PAIN, CONSTIPATION AND DIARREA - Cholelitiasis - Chronic constipation - Acute and chronic diarrhea - Irritable bowel syndrome MALABSORPTION - Maldigestion and malabsorption - Celiac disease UPPER AND LOWER GASTROINTESTINAL BLEEDING - Haematemesis and melena - Haematochezia and lower GI bleeding - Obscure gastrointestinal bleeding INFLAMMATORY BOWEL DISEASES - Ulcerative colitis - Crohn’s disease - Indeterminate colitis and microscopic colitis - Diverticular disease ACUTE AND CHRONIC HEPATITIS - viral hepatitis, chronic non-viral hepatitis. - Alcoholic liver disease - Cholesatic liver disease - Metabolic liver disease and steatosis - Drug-induced liver injury CIRRHOSIS AND PORTAL HYPERTENSION - Cirrhosis compensated and decompensated - Portal hypertension - Compplication of cirrhosis: ascites, spontaneous bacterial peritonitis, hepato-renale syndrome, gastroesophageal varices, hepatic encephalopathy - Liver transplantation TUMOR OF THE LIVER - Primary and secondary tumours of the liver - Focal nodular hyperplasia - Benign liver lesions - Malignant liver lesions: hepatocellular carcinoma, cholangiocarcninoma, epatoblastoma, emangioendotelioma ACUTE AND CHRONIC PANCREATITIS - Acute and chronic biliary pancreatitis - Others (alcholic, genetic etc.) - Complications.

Prerequisites

Propaedeutic skills.

Teaching form

Lectures and exercises.

Textbook and teaching resource

Manuale di Gastroenterologia UNIGASTRO Nuova Edizione 2007-2009 Coordinamento Docenti Universitari Malattie dell’Apparato Digerente Editrice Gastroenterologica Italiana ISBN 978-88-7781-814-0.

Malattie dell'Apparato Gastrointestinale (4/ed) Nuova Edizione 2008 Lajos Okolicsanyi, Anacleto Peracchia, Luigi Roncoroni Ed. McGraw Hill ISBN: 9788838623868.

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.

Semester

Second semester.

Assessment method

Written and oral test.

Office hours

By mail.