UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Diagnostics

2122-5-H4102D043-H4102D184M

Aims

To provide the basic knowledge concerning the most important imaging modalities and their clinical use in the context of gastroenterologic radiology. The role of conventional radiology and of cross sectional imaging, including hybrid modalities will be assessed.

The main purpose of the course is to illustrate the potential of these imaging techniques in order to determine correct clinical management of the diseases.

Contents

Conventional X rays examination efficacy in various clinical settings. Computed tomography, and magnetic resonance will be extensively discussed as the pillars of gastroenterologic radiology. The potential of ultrasound examination will be shown

Detailed program

Conventional digital radiology as a basic approach in emergengy. CT and MRI techniques as the most important means to determine the diagnosis and to generate the adequate follow up protocols. Basic information about the method of image interpretationswill be provided.

Prerequisites

Basic knowledge of human anatomy, phisiology, and general pathology.

Teaching form

Frontal lectures aimed to underline the most important aspects of gastroenterologic radiology, its points of weakness, and strenght in order to establish proper clinical management of the patients.

Textbook and teaching resource

Textbook of gastrointestinal radiology.

Richard M Gore ed.

Elsevier Health Europe

Semester

Second semester

Assessment method

Oral exam conducted in approximately 20-30 minutes. The exam is positively evaluated with a score of 18/30 or higher. Oral discussion with possible deepening of one or more topics. The questions proposed will be constructed in such a way to induce the student to understand the clinical use and significance of any of the most relevant imaging modalities.

Office hours

On appointment