UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ct Semiotics of Chest and Abdomen

2627-2-I0303D008-I0303D036M

Aims

The student must demonstrate knowledge of the main clinical indications for CT examinations of the chest and abdomen and the meaning and importance of the use of iodinated and liver-specific contrast agents. You must have solid knowledge of radiological anatomy and demonstrate mastery of diagnostic protocols in chest and abdominal CT. They must also have acquired the necessary skills regarding the definition of normality and pathology in the CT field of the organs and anatomical structures treated during the course.

Contents

The module aims to provide the student with the theoretical, technical and practical knowledge for carrying out computed tomography exams in the study of the chest and abdomen and the semiotics of the main pathologies.

Detailed program

? Main clinical indications for CT examination of the chest and abdomen
? CT of the chest and abdomen: introduction, indications, diagnostic protocols, normal picture and pathological picture.
? Chest: imaging of lung nodule, pneumonia and lung neoplasms.
? Liver: HCC, cholangiocarcinoma, metastasis, benign lesions
? Pancreas: solid and cystic neoplastic lesions, neuroendocrine tumors, pancreatitis
? Kidneys, urinary tract and bladder: lithiatic pathology, inflammatory pathology, neoplasms

Prerequisites

Diagnostic Imaging Techniques I

Teaching form

4 frontal lessons of 2 hours carried out in attendance

Textbook and teaching resource

Cei Luigi, “Tecniche di Tomografia Computerizzata e Risonanza Magnetica”, Ed. Universo.

Teaching material provided by the teacher

Semester

First semester

Assessment method

Monza
Oral interview to evaluate preparation on the exam program and ability to properly use the technical language.

Bergamo
Closed-answer tests (multiple choice questions) and written open questions to evaluate preparation on the exam program and expository ability in the disciplinary field. Possible additional oral interview if requested by the teacher or the student.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION