UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Chest and Abdomen Radiological Semiotics

2425-1-I0303D006-I0303D023M

Aims

The module aims to provide the student with the fundamental elements of radiological semiotics in the study of the thorax and abdomen. The clinical indications for the conventional radiological study of the chest and abdomen, including with contrast, and the methods of execution in relation to the diagnostic question are illustrated.

Contents

The student will learn elements of semeiotics in the study of the chest, breast and abdomen

Detailed program

Recall of normal anatomy of the thorax.
Conventional radiology in the study of the chest: the lung, the pleura, the mediastinum.
Radiographic anatomy, clinical indications, elements of radiological semiotics in the study of the thorax.
Recall of normal anatomy of the abdomen.
Conventional radiology in the study of the abdomen.
Radiographic anatomy, clinical indications, elements of radiological semiotics in the study of the abdomen.
Recall of normal anatomy of the gastrointestinal system.
Radiographic anatomy, clinical indications, elements of radiological semiotics in the contrastographic study of the gastrointestinal system.
Recall of normal anatomy of the urinary and genital systems.
Radiographic anatomy, clinical indications, elements of radiological semiotics in the contrastographic study of the urinary and genital systems.
The criteria for correct execution of the chest and abdominal x-ray will be exposed.

The different types of contrast agents available in conventional radiology will be illustrated, with the benefits and risks of the different categories and the criteria for choosing the appropriate contrast agent depending on the clinical question.

Prerequisites

Organs and Functions

Teaching form

4 frontal lessons of 2 hours carried out in attendance with clinical examples

Textbook and teaching resource

F.MAZZUCATO: “Anatomia Radiologica. Tecniche e Metodologie in Radiodiagnostica” Ed.Piccin

Teacher will provide other educational material.

Semester

Second semester

Assessment method

Oral test to evaluate preparation on the teaching programme, the ability to organize knowledge in a short discussion and communication skills in a disciplinary context.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION