UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Conventional and Dedicated Radiological Techniques

2627-1-I0304D005-I0304D00505

Aims

The course aims to provide students with theoretical and practical skills, and basic techniques to execute conventional radiological investigations, using direct techniques.

Contents

The student will learn conventional radiological techiniques. Image quality and diagnostic accuracy; imaging of normal and Pathologic conditions of the body systems

Detailed program

Anatomical plans and radiological plans.
Review of anatomical positional and movement terminology.
Radiological positions of the patient, planar orientation of the radiographic projections, direction of the beam (orthogonality and obliquity) and its incidence.
Conventional radiology in the study of the chest: the lung, the pleura, the mediastinum. Radiographic projections for the study of the chest.
Conventional radiology in the study of the abdomen. Direct radiographic projections for the study of the abdomen
Conventional radiology in the study of the osteo-articular and muscular systems.
The main radiographic projections for the study of the skull and facial massif.
The main radiographic projections for studying the spine
The main radiographic projections for the study of the pelvic girdle and the lower limb.
The main radiographic projections for the study of the shoulder girdle and the upper limb.
Mammographic techniques

Theoretical foundations of stratigraphic techniques.
Orthopantomography.
Plesiography

Prerequisites

Organs and Functions

Teaching form

Monza
? 8 frontal lessons of 2 hours carried out in attendance
? 2 interactive lessons of 2 hours carried out in attendance

Bergamo
? 2 frontal lessons of 2 hours carried out in attendance
? 8 interactive lessons of 2 hours carried out in attendance (Problem Based Learning technique)

Textbook and teaching resource

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

Teachers will provide other educational material.

Semester

Second semester

Assessment method

Oral test to evaluate preparation on the teaching programme, and the ability to organize knowledge in a short discussion and to properly use the technical language.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION