UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ct and Angiographic Instruments

2425-2-I0303D008-I0303D034M

Aims

The student will have to understand the main characteristics and technical basis of Computed Tomography and angiography.

Contents

The course aims to provide students with theoretical knowledge, techniques and practices of Computed Tomography and Angiography for the study of different organs and systems.

Detailed program

Main components and characteristics of CT and angiographic equipment
Basic dose reduction techniques in CT and Angiography
Dosimetry
Main acquisition techniques in CT and Angiography

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 exam to evaluate preparation on the exam programme, the ability to organize knowledge and communication skills in the disciplinary field

Bergamo
Closed-answer test (multiple choice questions) to evaluate preparation on the exam programme. 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