UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Apparecchiature Tc e Angiografiche

2021-2-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 angiography equipment
- Dose reduction techniques in CT and angiography
- CT dosimetry
- Subtractive digital angiography

Prerequisites

Diagnostic Imaging Techniques I

Teaching form

During Covid-19 emergency period, lessons will be held remotely in asynchronous mode with synchronous events via videoconference.

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

In Covid-19 emergency period, exams will only be telematic and will be carried out using the WebEx platform and a proctoring system. The exam consists of 3 open questions aimed at verifying student's knowledge in 3 of the macro-areas covered by the course (technical characteristics of CT and angiographic equipment, dose reduction techniques in CT and angiography, CT dosimetry , subtractive digital angiography). Each answer is given a score between 0 and 10. Honors are awarded in case of particularly deserving tests

Office hours

By appointment required by mail