

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

# **SYLLABUS DEL CORSO**

# Apparecchiature Tc e Angiografiche

2122-2-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 macroareas 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

