

## COURSE SYLLABUS

### Ct and Angiographic Instruments

2425-2-I0303D008-I0303D034M

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#### 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

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