



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Training II

2021-2-I0303D009

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#### Aims

Computed Tomography and Angio-TC: from the reception of the patient to the execution of the investigation, processing and archiving images.

Nuclear Magnetic Resonance: from the reception of the patient to the execution of the investigation, processing and archiving of images.

#### Contents

By the end of the second year of training, the students will be able to conduct CT, Angio-CT and Nuclear Magnetic Resonance diagnostic investigations, knowing the functioning of equipments and the procedures for processing and archiving of produced images.

The students will also be able to respect and apply the standards of radioprotection for patients and workers.

#### Detailed program

Computed Tomography and Angio-TC: the reception of the patient and the collection of his medical data and informed consent, the correct positioning of the patient, the different diagnostic protocols; the execution of the

investigation; processing and archiving of produced images.

Nuclear Magnetic Resonance: the reception of the patient, the collection of his medical data and information for Nuclear Magnetic Resonance examination; absolute and relative contraindications for the Nuclear Magnetic Resonance examination; the correct positioning of the patient, the examination settings: coils, sequences, the execution of the examination; the processing and archiving of images.

## **Prerequisites**

## **Teaching form**

Traineeship

## **Textbook and teaching resource**

## **Semester**

First and second semester

## **Assessment method**

Oral examination

## **Office hours**

By appointment required by mail

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