UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Training II

2425-2-I0303D009

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 an 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 ofradioprotection 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

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION