UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ct Neuroradiological Semiotics

2627-2-I0303D008-I0303D035M

Aims

The student must demonstrate that they have understood the main characteristics of Computed Tomography and that they know the main clinical indications for CT and Cone Beam CT examinations in the neuroradiological field. You must have solid knowledge of neuroradiological anatomy and the necessary skills in defining normality and pathology in the Neuro-CT field.

Contents

The module aims to provide the student with the theoretical, technical and practical knowledge for the correct execution of computed tomography (and Cone Beam CT) exams in Neuroradiology.

Detailed program

Main clinical indications for Cone Beam CT/CT examination in the neuroradiological field
Neuroradiological anatomy institutions
Neuroradiological CT semiotics of the central nervous system with particular attention to traumatic, vascular, infectious and tumor pathology. Particular attention to the pathology of the neck and intracranial vessels, ischemic stroke, brain and spinal trauma and the pathology of the facial mass and petrous pyramids. In this regard, mention will also be made of Cone Beam CT.

Prerequisites

Diagnostic Imaging Techniques I

Teaching form

4 frontal lessons of 2 hours carried out in attendance

Textbook and teaching resource

“Lezioni di neuroradiologia” – Bozzao, Colonnese, Pantano; Ed: Società Editrice Esculapio, 2019.

Teaching material provided by the teacher

Semester

First semester

Assessment method

Monza
2 written open questions to check preparation on the exam program, ability to organize knowledge and expository ability in the disciplinary field

Bergamo
Closed-answer tests (multiple choice questions) and written open questions to evaluate preparation on the exam program and expository ability in the disciplinary field. Possible additional oral interview if requested by the teacher or student.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION