



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ct Neuroradiological Semiotics

1920-2-I0303D008-I0303D035M

Aims

The student will have to understand the main characteristics of Computed Tomography and the principal clinical indications for neuroCT and neuroangiography,

The student will have to gain a solid neuroradiological anatomy knowledge and skills about the definition of neuro-CT normality and pathology.

Contents

The course aims to provide students with theoretical knowledge, techniques and practices of Computed Tomography and Angiography in Neuroradiology

Detailed program

- Computed Tomography and angiography: main clinical indications.
- Neuroradiology: principles of neuro-anatomy, neuro-traumatology, and neuro-oncology.
- Diagnostic protocols in Computed Tomography and Neuro-Angiography.

Prerequisites

Diagnostic Imaging Techniques I

Teaching form

Lectures

Textbook and teaching resource

F. Mazzucato, "Anatomia Radiologica. Tecniche e Metodologie in Radiodiagnostica".

Teachers will provide their own teaching material.

Semester

First semester

Assessment method

It is a written test based on 15 multiple-choice and 2 short-answer questions. There is a time limit of 45 minutes to complete the test. The answer to multiple-choice questions must be selected among 4 options, out of which only one is correct; each correct answer is worth 1. Each short-answer question is worth a maximum of 7.5 points. There are no penalties for wrong or unanswered questions. Final total score is equal to the sum of points assigned

to correct answers with a maximum of 30 and passing threshold of 18. For each test the questions are randomly selected from a pool of covering all aspects of CT neuroimaging semiotics with the constrain of including at least 3 questions on stroke and trauma, and at least 2 questions on brain CNS tumors.

Office hours

By appointment required by mail
