



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Ct and Angiographic Instruments

1920-2-I0303D008-I0303D034M

Aims

The student will have to understand the main characteristics and technical basis of Computed Tomography and the principal clinical indications for body TC, neuro TC and angio TC.

Contents

The course aims to provide students with theoretical knowledge, techniques and practices of Computed Tomography and Angiography for the study of different organs or systems.

Detailed program

- Computed Tomography and angiography: main clinical indications.
- Technical features of CT and angiography equipment
- Dose reduction techniques in CT and angiography

- CT dosimetry.
- Subtractive digital 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

The exam is constituted by 3 open questions to verify the student knowledge in 3 of the macro-areas covered by the module (technical features of CT and angiography equipment, dose reduction techniques in CT and angiography, CT dosimetry, subtractive digital angiography). Each answer receives a score between 0 and 10. Laude is assigned to tests judged particularly worthy.

Office hours

By appointment required by mail

