



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Applied Medical Technical Sciences B

2021-4-H4101D020-H4101D082M

Learning objectives

Provide the student with the tools to deepening the techniques of Diagnostic Imaging in radiology, nuclear medicine and radiotherapy.

Contents

Procedures for radiodiagnostic examinations (Rx, CT, MRI) and departmental visit with discussion of clinical cases

Procedures for nuclear medicine examinations and discussion of nuclear medicine exams in classroom and in Nuclear medicine - PET department

Detailed program

Procedures for radiodiagnostic examinations (Rx, CT, MRI) in the toracic, abdominal and pelvic regions and departmental visit with discussion of clinical cases

Procedures for nuclear medicine examinations: indications, patient preparation, execution and examination, reporting (with discussion of clinical cases of bone scintigraphy, myocardial SPET and oncological PET studies).

Discussion of planar scintigraphic examinations (static, dynamic and gated acquisitions) in the nuclear medicine department - PET

Discussion of SPET and PET examinations and visit to the Nuclear Medicine - PET department.

Prerequisites

None

Teaching methods

Lessons and exercises in classroom and department

Assessment methods

During final global examination (cfr. Syllabus)

Textbooks and Reading Materials

Slides and clinical cases presented.
