UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Bioingegneria Elettronica e Informatica A

2627-4-H4101D020-H4101D079M

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 examinations in classroom and in the nuclear medicine department - PET

Detailed program

Procedures for radiodiagnostic examinations (Rx, CT, MRI) 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 gatized acquisitions) in the nuclear medicine department - PET

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

Prerequisites

basic knowledge of anatomy, physiology, pathology

Teaching methods

Exercises

Assessment methods

see the general Syllabus of the Course

Textbooks and Reading Materials

Not expected

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY