UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Apparecchiature di Medicina Nucleare

2021-3-I0303D036-I0303D060M

Aims

The student should know the technological basics of the Nuclear Medicine and PET equipments

Contents

Nuclear Medicine equipments: Scintigraphy, Single Photon Emission Computed Tomography (SPECT), Positron Emission Tomography (PET)

Detailed program

Physics principles, technological basics and quality control of the main Nuclear Medicine methods: Scintigraphy, Single Photon Emission Computed Tomography, Positron Emission Tomography.

Principi fisici, caratteristiche, basi tecnologiche, funzionamento, e controlli di qualità delle apparecchiature utilizzate in Medicina Nucleare:

Scintigrafia

SPECT - Tomografia ad emissione di fotone singolo

PET - Tomografia ad emissione di positroni

Prerequisites

Teaching form

Lectures

Textbook and teaching resource

The teacher will provide other educational materials

Semester

First semester

Assessment method

The **written test** includes 25 multiple choice questions (1 correct answer among 5 options) about all the topics of the course. The written test is evaluated with a mark ranging from 0 to 30. If the mark is superior to 18/30, the oral test will follow. The **oral test** consists in the evaluation of the knowledge acquired among the course topics through open questions, possibly related to the mistakes made during the written test.

Office hours

By appointment required by mail