UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Training in Nuclear Medicine

2425-3-I0303D016-I0303D069M

Aims

At the end of the training course in Nuclear Medicine, the student will have to know the organization of the Operational Unit; the environments and their technical characteristics; the professional figures of the team; the patient's diagnostic process; the characteristics of radiopharmaceuticals and their manipulation; elution methods and quality control techniques on radiopharmaceuticals.
She/he will understand the operating mechanisms of the equipment, carrying out the required diagnostic tests independently and under the supervision of the tutor, implementing the necessary radiation protection measures.
She/he will learn the management of the patient undergoing metabolic radiotherapy and the management of the necessary radiopharmaceuticals.

Contents

Through briefing and de-briefing moments at fixed intervals or following important moments, the student will have to demonstrate the ability to implement the theoretical knowledge learned in lessons and will carry out practical exercises on the positioning and management of patients.
He/she will understand the labeling processes of radiopharmaceuticals and autologous cells; carrying out quality checks on radiopharmaceuticals and machines; you will have to implement the correct radiation protection measures.
He/she will learn implementing the correct protocol for carrying out a diagnostic test and know how to implement it, identifying a patient's needs to ensure the correct level of comfort during the execution of an image acquisition procedure.

Detailed program

Prerequisites

Teaching form

Traineeship

Textbook and teaching resource

Semester

First semester

Assessment method

Oral interview in the middle and at the end of the training period completed by a practical verification of the correct execution of a diagnostic test (scintigraphy and/or PET test).
Completion of a form certifying the skills acquired.

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION