UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Clerkship in Nuclear Medicine

2324-4-H4101D190

Aims

The internship period aims to provide the student with a direct experience basic practical knowledge of the diagnostic procedures and clinical applications of conventional nuclear medicine and PET

Contents

Patient assessment and clinical overview, methodological evaluation of the diagnostic procedure, acquisition and processing of scintigraphic and PET images, evaluation of dosimetric aspects, image reading and reporting according to the clinical question. Participation in multidisciplinary boards meetings.

Detailed program

Assessment and clinical setting of the patient through the collection of relevant anamnestic data for the diagnostic investigation.
Evaluation of the methodological procedure of the examination, radiopharmaceutical and activity administered, acquisition protocols optimised according to the clinical question
Image reading and analysis of reference diagnostic patterns of scintigraphic and PET investigations for neurological, cardiological and oncological pathology in both adult and paediatric patients
Organisation of the report for the descriptive part of the findings, interpretative and conclusive
Participation in the discussion of clinical cases in disease-specific multidisciplinary groups
Dosimetry and radiation protection aspects of the patients and the nuclear medicine personnel

Prerequisites

Course attendance in Diagnostic Imaging and Radiotherapy

Teaching form

Direct interaction with the tutor following the procedures relative to the main conventional Nuclear Medicine and PET examinations with discussion of clinical cases

Textbook and teaching resource

not provided

Semester

To be defined in accordance with the tutor

Assessment method

Attendance and participation to diagnostic activities

Office hours

On appointment (luca.guerra@unimib.it)

Sustainable Development Goals

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