



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### **Internship in Nuclear Medicine - Uoc Medicina Nucleare PGXXIII Hospital Bergamo**

2425-3-H4102D127

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#### **Aims**

- define the diagnostic appropriateness of radiodiagnostic and nuclear medicine techniques in the diagnosis and monitoring of the main pathologies.
- understand the indications and technical peculiarities of the management of patients undergoing therapy with radionuclides and radioligands and external beam radiotherapy.
- understand the indications and clinical peculiarities of therapy with radionuclides and radioligands and external beam radiotherapy

#### **Contents**

The internship in Nuclear Medicine aims to allow students to understand the importance of imaging techniques integrated into the clinical management of patients. During this period of attendance, students will understand the importance of the correct clinical classification of the patient in defining the diagnostic appropriateness of radiodiagnostic and nuclear medicine techniques in the diagnosis and monitoring of the main pathologies. Furthermore, they will understand the indications and technical and clinical peculiarities of the management of patients undergoing therapy with radionuclides and radioligands and external beam radiotherapy. This will be done through participation in daily clinical activities and multidisciplinary clinical case discussions.

During the internship, students will also have the opportunity to understand how modern imaging techniques can contribute to clinical research and how the use of molecular medicine techniques are an integral part of the research and development process for new drugs.

We thought that a training experience of this type represents the possibility of understanding that modern medicine requires specialists in these disciplines to be the synthesis of specific technical, but above all clinical, knowledge and how the importance of multi- and interdisciplinary comparison is fundamental in modern medicine.

## **Detailed program**

Students will participate in the daily clinical activities of the departments they attend, discussing and understanding the main indications for carrying out diagnostic tests and advanced therapies provided by them. During the internship they will have the opportunity to understand the multi- and interdisciplinary evolution of modern medicine and to delve deeper into the technical aspects of the various diagnostic and therapeutic techniques.

## **Prerequisites**

This internship can be done very early by the student, after completing the second year exams

## **Teaching form**

Practical internship with participation in clinical activity and case discussion

## **Textbook and teaching resource**

Manuscripts provided during the internship

## **Semester**

1st and 2nd

## **Assessment method**

Clinical case discussion or small manuscript

## **Office hours**

8:30-18

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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