

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## **SYLLABUS DEL CORSO**

## Apparecchiature di Radioterapia

2425-3-I0303D015-I0303D064M

#### **Aims**

The students should know the technological basics of the Radiotherapy equipments, necessary to carry on their profession

#### **Contents**

The course aims to provide students with the knowledge of Radiotherapy equipments

### **Detailed program**

CT simulator
Brachytherapy
Intensity Modulated Radiotherapy (IMRT)
Radiosurgery (Stereotaxis, Gamma-knife, Cyber-knife)
Helical radiotherapy and tomotherapy
Image-Guided Radiotherapy (IGRT)
Adaptive radiotherapy
Intraoperative Radiotherapy (IORT)
Proton therapy and hadrontherapy

## **Prerequisites**

Llaalth	Cara	and Diag	D	revention
Health	Care a	าทด เ มรด	ease Pi	revention

## **Teaching form**

4 frontal lessons of 2 hours carried out in attendance

## Textbook and teaching resource

Teacher will provide educational materials

#### Semester

First semester

#### **Assessment method**

Multiple choice questions and oral exam

### Office hours

By appointment required by mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION