UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiotherapy Instruments

2021-3-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

Linear Accelerator

Simulator

CT-Simulator

Brachiterapy

Linear Accelerator for IORT

Tomotherapy

Prerequisites

Health Care and Disease Prevention

Teaching form

Lectures

Textbook and teaching resource

Teacher will provide educational materials

Semester

First semester

Assessment method

Written and oral test.

Multiple choice test comprising 20 questions about RT equipments, Clinical Dosimetry, Radiobiology and Clinical Radiotherapy with only one correct answer among 4 aimed at evaluating global comprehension of course program. Each correct answer is scored 1,5.

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