UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Clinical Dosimetry

2021-3-I0303D015-I0303D065M

Aims

Students should be able to know the principles o Clinical Dosimetry, necessary to carry on their profession

Contents

The course aims to provide students with the knowledge of the methods for calculating the dose distribution and principles of dose optimization in Radiotherapy

Detailed program

Radiation dose and volumes in Radiotherapy

Radiation sources

Dose dstribution calcule

Dose optimization in Radiotherapy

External beam Radiotherapy

Brachitherapy

Prerequisites

Health Care and Disease Prevention

Teaching form

Lectures

Textbook and teaching resource

Teacher will provide educational materials

Semester

First semester

Assessment method

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