UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiotherapy Tecnhniques

2021-3-I0303D015-I0303D068M

Aims

Students should be able to describe the stages of the Radiotherapy, the technical phases of treatment and the multidisciplinay integration between professional health figures operating in a Radiotherapy Division and improve the relationship with the patient.

Contents

The course aims to provide students with the various techniques of irradiation (external beam radiotherapy, brachytherapy); it also aims to provide knowledge about the stages of the Radiotherapy

Detailed program

The set-up of the patient: positioning and immobilization.

Imaging in Radiotherapy.

The quality controls.

The recording of treatment data.

Brachytherapy: Indications; devices for intracavitary and interstitial treatment and the different radioisotopes; loading modes: pre-loading, after-loading,-remote-loading.

Prerequisites

Health Care and Disease Prevention

Teaching form

Exercises

Textbook and teaching resource

Teacher will provide educational materials

Semester

First semester

Assessment method

Oral examination

Office hours

By appointment required by mail