



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiotherapy Instruments

2526-3-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

Health Care and Disease Prevention

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

Monza

Oral interview

Bergamo

Multiple-choice questions and oral interview

Office hours

By appointment required by mail

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION
