

# UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Internato in Laboratorio di Pianificazione dei Trattamenti Radianti

2122-3-10303D027

#### Aims

Knowledge of Radiotherapy planning techniques

#### Contents

Treatment planning system (TPS) in Radiation Oncology

#### **Detailed program**

- 1. volumes of interest definition
- 2. contouring
- 3. dose distribution planning
- 4. forward and inverse optimization
- 5. dose-volume histograms calculations

#### Prerequisites

Knowledge of theoretical items of radiotherapy planning

#### **Teaching form**

Attendance in the planning unit

### Textbook and teaching resource

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#### Semester

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#### Assessment method

Attendance

#### Office hours

By appointment required by mail