UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Radiation Physics and Diagnostic Imaging

2425-1-I0201D132

Aims

The course aims to provide the student with the basic knowledge of diagnostic imaging in physiotherapy.
At the end of the course the student will have acquired knowledge of:

- diagnostic imaging techniques, in terms of physical principle, instrumentation characteristics and image formation process

- basic notions of radiation physics and radiation protection

- basic knowledge of neuroradiological methods in the physiotherapy field, their indications for use as well as elements of neuroradiological semeiotics in the physiotherapy field

Contents

Basic notions of radiation physics, radiation protection and diagnostic imaging techniques, in terms of physical principle, characteristics of the instrumentation and image formation process. Limits and specific applications of neuroradiological instrumental investigation techniques in the physiotherapy field

Detailed program

Written in each module

Prerequisites

Teaching form

Lectures in attendance

Textbook and teaching resource

handsout

Semester

2nd semester

Assessment method

Open-ended Questions with possibile integration with oral examination.

Office hours

appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING