UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Diagnostic Imaging and Radiation Safety

2122-1-I0101D003-I0101D011M

Aims

This part of the course aims to provide students with the main elements of biohazard; notes on physics of radiation, exposure mode and principles of radiation protection

Contents

Notes on physics of radiation, biohazard exposure mode and principles of radiation protection.

Detailed program

Exposure ways in diagnostic radiology and nuclear medicine. General principles of radiation protection. Radiation protection for operators. Classification of radiation damage. Radiation protection for patients. Roles and responsibilities of healthcare workers. Exposure of patients of childbearing age. Exposure of pediatric patients. Non-occupational exposures of volontary and informed people who assist patients

Prerequisites

none

Teaching form

Lessons and tutorials delivered in mixed way, partially in presence, and/or synchronous and asynchronous video-recorders

Textbook and teaching resource

Slides of the lessons

Recommended book for consultations: F.Giovagnorio. Manuale di diagnostica per immagini nella pratica medica. Esculapio Ed. 2017

Semester

First year - First semester

Assessment method

Multiple choice questions, of which only one is correct, integrated in the Hygiene, Labor Medicine and Medical Statistics exam aimed at verifying the knowledge on the topics of the module's program.

Office hours

On appointment