UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Risk Management in Magnetic Resonance

2425-2-I0303D025

Aims

Improvement of the knowledge of risk management in Magnetic Resonance

Contents

Accidental deaths in Magnetic Resonance due to ignorance or underestimation of the risk associated to the magnetic field are rare, but possible. Relatively more frequents are damages to the magnet, the coils, the instrumentations and the health personnel, resulting by the accidental introduction of metallic objects near the magnet.

Adequate knowledge of the physical principles of Magnetic Resonance and above all the standards that health personnel –particularly Radiographers- working in Magnetic Resonance must follow, significantly reduces the risk of such events.

Detailed program

Introduction to Magnetic Resonance: physical principles

- Meaning of risk management in Magnetic Resonance

- Demonstrations of risk management in Magnetic Resonance

Prerequisites

2nd year degree Imaging and Radiotherapy Techniques

Teaching form

Lectures

Textbook and teaching resource

A.Buscemi: Risk Management in Public Health: risk management,errors,

responsibility

The Teacher will provide further educational materials

Semester

Second semester

Assessment method

Attendance

Office hours

By appointment required by mail.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING