



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## SYLLABUS DEL CORSO

### Risk Management in Risonanza Magnetica

2324-2-I0303D025

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#### 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 frequent 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

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