



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Contrast Media

2324-2-I0303D035-I0303D084M

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#### Aims

Learn the fundamental aspect of chemical classification, mechanism of action, general safety and approved clinical indications of MR contrast agents.

#### Contents

The course aims to provide students with basic knowledge of physical and biological principle for the use of MR contrast media.

#### Detailed program

Fundamental of pharmacological and regulatory basis of MR contrast media including: elements used for MRI imaging contrast, physico-chemical properties of contrast agents; stability, pharmacokinetics and mechanism of action; approved clinical indication, safety, drug interaction and; Summary of Product Characteristics of MR contrast media.

#### Prerequisites

Diagnostic Imaging Techniques I

## **Teaching form**

Lectures

## **Textbook and teaching resource**

Slides, guide lines, SCP of products, self evaluation test on elearning, problem and solutions

## **Semester**

Second semester

## **Assessment method**

## **Office hours**

By appointment required by mail

## **Sustainable Development Goals**

GOOD HEALTH AND WELL-BEING

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