

COURSE SYLLABUS

Contrast Media

2324-2-I0303D035-I0303D084M

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
