

# **RADIOLOGY**

## **QUALITY ENHANCEMENT IN MRI IMAGING**

**Target group:** Residents in radiology, Radiologists

**On completion of the course you will be able to:**

- Understand the concepts of MRI
- Recognise image artefact
- Recognise cross sectional anatomy

**Content:**

- Principles of MRI
- Instrumentation and hardware
- Signal encoding and spatial localization
- Pulse sequence design
- Imaging parameters
- Contrast media
- Patient care and safety
- Artefacts
- Cross sectional anatomy - body
- Cross sectional anatomy - neurological

**Schedule:**

- |                          |              |
|--------------------------|--------------|
| • Course duration        | 1 week       |
| • Number of participants | 24 (maximum) |