



What's The Attraction About MRI?

9 – 10 January & 17 January 2025

Introduction

This course is designed to provide participants with a solid foundation in the fundamental principles and concepts underlying Magnetic Resonance Imaging (MRI). Whether you are new to the field or seeking to deepen your understanding, this course will equip you with the knowledge necessary to comprehend the inner workings of this powerful medical imaging modality. By grasping the core principles, you will be able to optimize image quality, troubleshoot technical issues and appreciate the strength and limitations of MRI technology.

Course Objectives

This classroom course covers MRI theory and its clinical application to supplement the On-Job Training (OJT) to MRI radiographers.

After completing this course, participants will be able to:

- Describe the different type of pulse sequences and its relevant theory
- Describe the major components of MR system
- Explain the origin and attribute of MR hazards and preventive measures
- Recognise MR artefacts and apply appropriate remedy
- Interpret imaging parameters and its effect on image weightage
- Discuss the use of contrast agents in MRI
- Rationalize the use of pulse sequences for various clinical indications
- Recognise pathological conditions, anomalies and variations in anatomy
- Correlate radiological findings with clinical information

Course Outline

1. Basic MR Physics
2. MR Instrumentation
3. MR Safety - scenario based
4. Artefacts
5. Clinical - Neuro/Body/MSK
6. Pattern Recognition

Target Audience

Radiographers, Radiologists and Medical Physicists

Course Details

Date	: 9 – 10 January & 17 January 2025
Time	: 9.00 am– 5.00 pm
Duration	: 3 days (21 hours)
Class size	: 15 participants
Venue	: National Heart Centre Singapore 5 Hospital Drive Singapore 169608
Fee	: S\$1,130 (SingHealth) S\$1,250 (Regular) (inclusive of prevailing rate of GST)

Teaching Faculty

Mr Kenneth Lo

Senior Principal Radiographer, Radiography

Ms Lee Weiling

Senior Principal Radiographer, Radiography

Ms Chai Pik Hsien

Principal Radiographer, Radiography

Mr Bertwin Chen

Principal Radiographer, Radiography

Ms Nurhazwani Bte Roslan

Senior Radiographer, Radiography

Mr Qiu Dejian

Senior Radiographer, Radiography

Dr Jeffrey Fong

Consultant, Diagnostic Radiology

Dr Edmond Lim

Associate Consultant, Diagnostic Radiology

Dr May Lim

Associate Consultant, Neuroradiology

Dr Seow Poh Choo

Senior Medical Physicist, Radiology

Registration

To register (*internet access is required*), scan the QR code or click on the web link. Registration closes on **9 December 2024 (Monday)**.



<https://form.gov.sg/664639bdfd26e093755d43b2>

Upon registration, you agree to the [Terms & Conditions](#) of PGAHI.

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