

## Medical Physicists Intermediate Level Training in Magnetic Resonance Imaging (Intermediate I & II) (2024/25)

*Organized by Institute of Advanced Allied Health Studies*

	Part 1: Lecture	Part 2: Workshop*
<b>Date:</b>	6 December 2024 (Fri)	Group 1: 9-10 December 2024
<b>Time:</b>	10:00 am – 12:30 pm	Group 2: 16-17 December 2024
<b>Mode:</b>	Zoom	Group 3: 19-20 December 2024 (3 identical sessions)
<b>Topic:</b>	Dynamic Contrast-Enhanced MRI of the Body: Physics and Clinical Applications	Hands-on Demonstration of Data Processing Tools
		Cancers of head & neck, prostate and breasts

**\*Remark:** Please note that only the participants joined part 1 lecture will be eligible to be nominated for the part 2 of the program.

- Aim & Objective:** To equip staff with the enhanced knowledge, skills, and working procedures in Magnetic Resonance Imaging (MRI). The program covers the following listed areas:
- DWI-Brain and body
  - MR spectroscopy
  - MR perfusion: brain
  - DCE-MRI: body
  - MR relaxometry
  - DWI: IVIM
  - DTI: brain
  - BOLD imaging
  - Arterial spin labeling
  - Amide proton transfer
- Target Participant:** Medical Physicist with more than 7 years of experience
- Class Capacity:** **Lecture: 30**  
**Workshop: 10**
- Language medium:** Cantonese supplemented with English
- PLR Points:** Pending
- Award:**
- Certificate of attendance (no less than 80% of overall program) for lecture part
  - Certificate of achievement will be awarded upon completion of lecture, workshop, passing the assessment and submission of the program logbook (see [link](#)) to IAAHS after completion

## Program Content

### Part 1: Lecture

Date: 6 December 2024

Venue: Zoom lecture

Rundown:

Time	Program content	Speaker/ facilitator
09:50 - 10:00	Zoom Admission ( <i>Remarks: Attendance will be captured according to your <b>login and logout time</b> in Zoom®. Late joiner after 30 minutes would not be allowed to join the training.</i> )	
10:00 -11:00	DCE-MRI: Physics	David Yeung
11:00 - 11:15	Mid-way polling / Q&A	
11:15 - 12:15	DCE-MRI: Clinical Applications	David Yeung
12:15 - 12:30	Q&A	

### Part 2: Workshop

*Pre-requisite: Only the participants joined part 1 lecture will be eligible to be nominated for part 2 of the program*

Date: 2 days for each group (maximum 4 staffs per group)

Group 1: 9-10 December 2024

Group 2: 16-17 December 2024

Group 3: 19-20 December 2024

Venue: Medical Physics, Clinical Oncology, Prince of Wales Hospital

Objectives: To familiarize with post-processing tools. To gain hands-on experience by analysing clinical data from patients with various cancers of the body

The workshop will cover the below content with learning schedule and learning days as below.

Day	Learning day(s)	Topic
1	1	Data processing tools
2	1	Interpretation of results

For program content, please visit the **program logbook** (see [link](#)) for details.

Assessment in evaluating candidates' ability in applying MRI knowledge and data processing skills in the clinical environment will be conducted after the 2-day workshop by the senior physicist.

### Enrolment:

- Please send the nomination form via Department Manager to IAAHS by email ([iaahs@ha.org.hk](mailto:iaahs@ha.org.hk)),

quoting “*Program Announcement – Medical Physicists Intermediate Level Training in Magnetic Resonance Imaging (Intermediate I & II) 2024/25 (Ref 039, 049)*” **on or before 8 November 2024 (Friday).**

- Enrollment result would **NOT** be notified individually. It should be checked before program commencement via HA IAAHS intranet <http://ah.home/haiaahs/SitePages/Home.aspx> or through e-Learning Centre [http://elc.home/myelc/login\\_pop.aspx](http://elc.home/myelc/login_pop.aspx) **on or after 22 November 2024 (Friday).**

### **Important Notes:**

- Participants are required to **strictly adhere** to **Infection Control Precautions for Training Activities** (see [link](#)) when attending the program (for both individual or group registration).
- Participants are **required to prepare ALL of the following equipment**: (1) individual desktop/ laptop/ tablet/ mobile with stable internet access, (2) headphone/speaker (to hear), (3) microphone (to speak) and (4) webcam (to see your face).
- According to HA’s best practice, **only authenticated users** could join the Zoom® training. Participant should register a Zoom® account with his/her **HA internet email** and provide the email account in the nomination form. Sign up of a Zoom® account can be done at: <https://ha-org-hk.zoom.us/signup>
- The Zoom® training link, ID and password would be sent to successful nominees at least 5 days before program commencement. Participants should NOT disclose the zoom details to any non-participants of the program.

For enquiry, please contact Ms. Waterie YEUNG at 2300 7566 (program) or Ms. Ella Yeung at 2300 7714 (registration).