

Central Commissioned Training Program for Medical Physicists 2025/26

Radio-pharmaceutical Therapy & Dosimetry

Co-organized by Subcommittee for Medical Physics & Institute of Advanced Allied Health Studies

Date:	23 Jan 2026 (Fri)	30 Jan 2026 (Fri)
Time:	09:00 – 18:00 (Registration starts at 08:45)	09:00 – 18:00 (Registration starts at 08:45)
Mode of Delivery:	Zoom Lecture	

Objective/ Intended Learning Outcome:

- Set up and Oversee a Radio-pharmaceutical Therapy Program (RPT).
- Identify and manage the different safety concerns for the different radio-pharmaceuticals.
- Apply the Medical Internal Radiation Dose (MIRD) methodology.
- Identify and use Monte Carlo-based RPT dosimetry software to perform dosimetry computation.

Speakers:

Prof. Dale Bailey	Principal Medical Physics Specialist, Department of Nuclear Medicine, Royal North Shore Hospital, Sydney Professor of Medical Imaging Science, The University of Sydney
Dr. Kathy Willowson	Senior Medical Physics Specialist, Department of Nuclear Medicine, Royal North Shore Hospital, Sydney
Dr. Harry Marquis	Co-Chief Imaging Physics Resident, Memorial Sloan Kettering Cancer Center, New York
Dr. Yaser Hadi Gholam	Physicist, specialising in applied physics in nuclear medicine Preclinical Imaging National Imaging Facility Fellow

Target Participant:	Medical Physicists, Oncologists, Radiologists, Radiation Therapists
Class Capacity:	60
Language Medium:	English
CME / CPD Points:	Pending
Award:	Certificate of Attendance
Program Requirement:	Participants should complete at least 80 % attendance of overall program (Remarks: Attendance will be captured according to your login and logout time in Zoom®. Late joiner after 30 minutes would not be allowed to join the training.)

Program Rundown

Day 1: 23 Jan 2026 (Fri)

Time	Topic	Speaker
08:45 – 09:00	<i>Registration / Zoom login</i>	
09:00 – 10:30	Lecture 1: History and Applications of Targeted Radionuclide Therapy	Prof. Dale Bailey
10:30 – 12:00	Lecture 2: Radiobiology of TRT	Dr. Yaser Hadi Gholam
12:00 – 13:00	Lecture 3: Imaging for TRT Dosimetry	Dr. Kathy Willowson
13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:30	Lecture 4: Introduction to Biodistribution and Radionuclide Dosimetry	Dr. Kathy Willowson
15:30 – 17:00	Tutorial 1: Organ-level \tilde{A} Calculations in MIRDose	Dr. Harry Marquis
17:00 – 18:00	Q&A / Case Discussions	Dr. Harry Marquis
18:00	<i>Evaluation</i>	

Day 2: 30 Jan 2026 (Fri)

Time	Topic	Speaker
08:45 – 09:00	<i>Registration / Zoom login</i>	
09:00 – 10:30	Lecture 5: What are Theranostics?	Prof. Dale Bailey
10:30 – 12:00	Lecture 6: Voxel-level Dosimetry	Dr. Harry Marquis
12:00 – 13:00	Lecture 7: Clinical Applications	Dr. Kathy Willowson
13:00 – 14:00	<i>Lunch Break</i>	
14:00 – 15:30	Tutorial 2: Voxel-based Dosimetry for Y90-SIRT	Dr. Yaser Hadi Gholam
15:30 – 17:00	Case Studies	Prof. Dale Bailey
17:00 – 18:00	Wrap-up: Key Takeaways & Feedback	Prof. Dale Bailey
18:00	<i>Evaluation</i>	

Enrolment:

- Please send the nomination form via Department Manager to IAAHS by email (iaahs@ha.org.hk), quoting “Program Announcement – CCTP for Medical Physicists 2025/26 – Radio-pharmaceutical Therapy & Dosimetry (Ref 049, 039)” **on or before 24 Dec 2025 (Wed)**.
- Enrollment result would **NOT** be notified individually. It should be checked before program commencement via HA IAAHS intranet https://hateams.home/knowledge/group/IAAHS/Program_AH/ or through e-Learning Centre http://elc.home/myelc/login_pop.aspx on or after 9 Jan 2026 (Fri).

Important Notes:

- Participants are required to **strictly adhere** to CICO’s guideline on 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). *[For participants who is unable to turn on the camera/ audio should inform training provider in advance with justifications.]*
- 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, Training Officer (AH) at 2300 7566 (program) or Ms. Ella YEUNG, CIII (HAA) at 2300 7714 (registration).