

NR Radiation Therapists Basic Training 2024/25 (Module 4)



Module: Basic Computer Planning, Treatment Verification, Auto-segmentation in

Raystation & 3D printing technology applied in QEH RT

Date: 1 Mar 2025 (Sat) **Time:** 09:00-13:00

Venue: Room 301, Block R, Department of Clinical Oncology, QEH

Target participants: Newly Recruited Radiation Therapists, priority will be given to RTs joining HA

after 1 Jul 2020

Capacity: 25

Program Design: Workshop

Objectives: Introduce the Radiotherapy Technique for Ca Breast, different imaging

techniques for treatment verification, auto-segmentation in Raystation & 3D

printing technology in RT.

Language medium: English supplemented with Cantonese

Completion criteria: Participants should complete at least 80% attendance of overall program

Award: Certificate of attendance will be awarded to participants who completed the

program

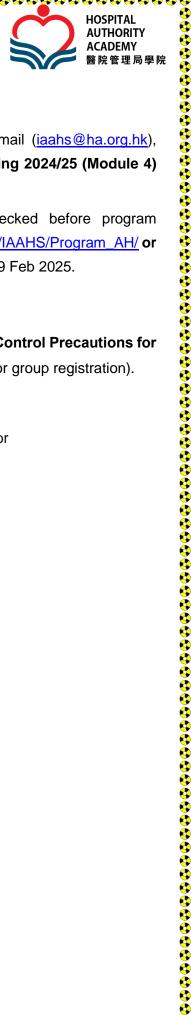
Program Rundown:

Time	Topic	Content
09:00 - 10:15	Ca Breast Treatment	 Radiotherapy techniques for Ca Breast: 3D conformal 2F/3F breast, VMAT/Tomotheray and RGSC_BH Introduction to Prone Breast Planning
10:15 - 10:45	Treatment Accessories	Demonstration on applying different Set-up accessories for Ca Breast Treatment
10:45 - 11:00		Break
11:00 – 11:30	Treatment Verification	 The application of different imaging techniques for treatment verification Orthogonal MV/KV OBI, Cone beam CT and Off-line CBCT matching
11:30-12:00	Auto- segmentation in Raystation	 Exploration of Atlas Based segmenation in Raystation Discussion of Deep Learning segmentation in Raystation
12:00-12:30	3D printing technology in QEH RT	 3D wax/bolus creation and application 3D printed headstone and application
12:30 – 13:00		Quiz & Evaluation
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Attendees should bring their own TLD

Gathering point: Room 301 Planning Office, Block R, Department of Clinical Oncology, QEH





Enrolment:

- Please send the nomination form via Department Manager to IAAHS by email (<u>iaahs@ha.org.hk</u>), quoting "Program Announcement NR Radiation Therapists Basic Training 2024/25 (Module 4) (Ref 039, 049)" on or before 7 Feb 2025.
- 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 19 Feb 2025.

Important Notes:

- Participants are required to <u>strictly adhere</u> to CICO's <u>guideline</u> on <u>Infection Control Precautions</u> for <u>Training Activities</u> (see <u>link</u>) when attending the program (for both individual or group registration).

Enquiry: (Program): Ms. Mandy Chau, QEH SRT (ONC) at 3506 2648

(Enrolment): Ms. Waterie YEUNG, HOCS TO (AH) at 2300 7566, or

Ms. Ella Yeung, HOCS CIII (HAA) at 2300 7714