



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



<b>Module:</b>	Basic Computer Planning, Treatment Verification, Auto-segmentation in Raystation & 3D printing technology applied in QEH RT
<b>Date:</b>	1 Mar 2025 (Sat)
<b>Time:</b>	09:00-13:00
<b>Venue:</b>	Room 301, Block R, Department of Clinical Oncology, QEH
<b>Target participants:</b>	Newly Recruited Radiation Therapists, priority will be given to RTs joining HA after 1 Jul 2020
<b>Capacity:</b>	25
<b>Program Design:</b>	Workshop
<b>Objectives:</b>	Introduce the Radiotherapy Technique for Ca Breast, different imaging techniques for treatment verification, auto-segmentation in Raystation & 3D printing technology in RT.
<b>Language medium:</b>	English supplemented with Cantonese
<b>Completion criteria:</b>	Participants should complete at least 80% attendance of overall program
<b>Award:</b>	Certificate of attendance will be awarded to participants who completed the program

### Program Rundown:

Time	Topic	Content
09:00 - 10:15	Ca Breast Treatment	<ul style="list-style-type: none"><li>• Radiotherapy techniques for Ca Breast: 3D conformal 2F/3F breast, VMAT/Tomotheray and RGSC_BH</li><li>• Introduction to Prone Breast Planning</li></ul>
10:15 - 10:45	Treatment Accessories	<ul style="list-style-type: none"><li>• Demonstration on applying different Set-up accessories for Ca Breast Treatment</li></ul>
10:45 - 11:00	Break	
11:00 – 11:30	Treatment Verification	<ul style="list-style-type: none"><li>• The application of different imaging techniques for treatment verification</li><li>• Orthogonal MV/KV OBI, Cone beam CT and Off-line CBCT matching</li></ul>
11:30-12:00	Auto-segmentation in Raystation	<ul style="list-style-type: none"><li>• Exploration of Atlas Based segmenation in Raystation</li><li>• Discussion of Deep Learning segmentation in Raystation</li></ul>
12:00-12:30	3D printing technology in QEH RT	<ul style="list-style-type: none"><li>• 3D wax/bolus creation and application</li><li>• 3D printed headstone and application</li></ul>
12:30 – 13:00	Quiz & Evaluation	
<b>**Attendees should bring their own TLD**</b>		
<b>**Gathering point: Room 301 Planning Office, Block R, Department of Clinical Oncology, QEH**</b>		

### **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 – 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/](https://hateams.home/knowledge/group/IAAHS/Program_AH/) or through e-Learning Centre [http://elc.home/myelc/login\\_pop.aspx](http://elc.home/myelc/login_pop.aspx) on or after 19 Feb 2025.

### **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).

**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