



Venue: The course will take place at;

- Monday 18, Tuesday 19 FEB and morning of Wednesday 20 FEB,
Conference room 1 at Hiroshima High-Precision Radiotherapy Cancer Center (HIPRAC),
- Wednesday 20 FEB afternoon,
Hiroshima University Hospital,
then at Hiroshima Red Cross Hospital & Atomic-bomb Survivors Hospital
- Thursday 21 FEB

In the morning, at Hiroshima University Research Institute for Radiation Biology and Medicine (RIRBM)

In the afternoon, at Radiation Effects Research Foundation (RERF),

then visit to the Peace Memorial Museum.

Objective: To update the knowledge of radiation oncologists in advance radiation therapy technology and to provide radiation oncologists with a comprehensive understanding of the clinical applications of advance radiation therapy technology for a safe and effective implementation of advance radiation therapy technology.

Learning outcomes

At the conclusion of the program, the learner will be able to:

- Explain the principles of 3D-CRT and its further technological developments
- Describe the basic physics principles behind advanced radiotherapy techniques
- Prescribe a radiotherapy dose for advanced techniques
- Demonstrate skills in target volume contouring and organs at risk
- Identify the main issues on quality and safety in modern radiotherapy.

MONDAY 18 FEB		
8:30 – 9:00	Reception / Break	
9:00 – 9:30	Dr. Hiramatsu (President HICARE) Prof. Yasushi Nagata (Director of HIPRAC, Exective Secretary)	Welcome and Opening addresses Group Photo
9:30 – 9:45	Break	
9:45 – 10:15	From IAEA	From IAEA
10:15 – 10:45	Katsuyuki KARASAWA	RCA training course
10:45 – 11:00	Break	
11:00 – 11:30	Kentarou MIKI	Artificial Intelligence update
11:30 – 12:00	Toru SHIBATA	IMRT for H & N

12:00 – 13:00	Lunch break (12:30 Facility Tour)	
13:00 – 13:30	Masahiro KENJO	IMRT for brain
13:30 – 14:00	Yong Chan AHN (Samsung)	IMRT for lung
14:00 – 14:30	Satoaki NAKAMURA	IMRT for pancreas
14:30 – 14:45	Break	
14:45 – 15:15	Yoshiko DOI	IMRT for esophageal cancer
15:15 – 15:45	Yuji MURAKAMI	IMRT for prostate
15:45 – 16:00	Break	
16:00 – 16:30	Takeshi KODAIRA	IMRT with Tomotherapy
16:30 – 17:00	From IAEA	From IAEA
17:00 – 17:30	From IAEA	From IAEA
	Transportation	
19:00 – 20:30	Reception - not determined	

TUESDAY 19 FEB		
9:00 – 9:30	Yasushi NAGATA	SBRT in JAPAN
9:30 – 10:00	Eun Kyung CHOI (Asan)	SBRT in Korea
10:30 – 10:15	Break	
10:15 – 10:45	Yukinori MATSUO	SBRT for lung
10:45 – 11:15	Tomoki KIMURA	SBRT for liver
11:15 – 11:45	Hiroshi ONISHI	SBRT for other diseases
11:45 – 12:45	Lunch break	
12:45 – 13:15	Shuichi OZAWA	QA:SBRT
13:15 – 13:45	Daisuke KAWAHARA	QA:IMRT
13:45 – 14:15	Hideharu MIURA	QA:IGRT
14:15 – 14:30	Break	
14:30 – 15:00	Yoshio Iwai	Linear accelerator
15:00 – 15:30	Nikki Shelton (Australia)	Linac commissioning
15:30 – 15:45	Break	
15:45 – 16:15	From IAEA	Immunoradiotherapy update
16:15 – 16:45	Shigeo TAKAHASHI	Breast ca update

16:45 – 17:15	Ippei TAKAHASHI	Lymphoma update
17:15 – 17:45	From IAEA	From IAEA

WEDNESDAY 20 FEB		
9:30 – 11:30	Ikuno NISHIBUCHI Yuji MURAKAMI Tomoki KIMURA Shuichi OZAWA	Target delineation *Hands-on training
11:30 – 12:25	Lunch Break	
12:25 - 12:45	Transportation	
12:45 – 15:30	Hiroshima University Hospital Radiotherapy Center Akito SAITO, Kentarou MIKI, Takeo NAKASHIMA, Daisuke KAWAHARA	SBRT *Hands-on training
15:30 – 16:00	Transportation	
16:00 – 17:15	Shunichi KASEDA (vice president of Red Cross Hospital) Hiroshima Red Cross Hospital & Atomic-bomb Survivors Hospital	Peace Study
17:15 – 17:30	Transportation	

THURSDAY 21 FEB		
9:30 – 10:30	Hiroshima University Research Institute for Radiation Biology and Medicine (RIRBM)	
10:30 – 11:30	Hiroshima University Hospital Emergency medicine	
11:30 – 11:45	Transportation	
11:45 – 13:00	Lunch break	
13:00 - 13:15	Transportation	
13:15 – 15:00	Radiation Effects Research Foundation Introduction and presentation of RERF Handing of certificates (in RERF venue) Closing remarks	
15:00 – 15:15	Transportation	
15:15 – 16:30	Hiroshima Peace Memorial Museum A-bomb dome	
16:30 – 16:45	Transportation	

“Thank you to the students of the Hiroshima University Cancer Professional Education Program for their support.”