



HICARE/IAEA International Training Course on
Advanced Radiation Therapy for Head and Neck,
Lung, and Liver Cancer

Hiroshima, Japan November 11-November 15, 2022



Venue: The course will take place at;

- Friday 11, Saturday 12 NOV,
conference room at Rihga Royal Hotel Hiroshima
- Sunday 13 NOV,
Hiroshima Peace Memorial Museum,
Hiroshima National Peace Memorial Hall for the Atomic Bomb Victims
- Monday 14, Tuesday 15 NOV,
conference room at Hiroshima High-Precision Radiotherapy Cancer Center (HIPRAC),

Objective:

To update the knowledge of radiation oncologists, medical physicists and technologists in advance radiation therapy technology and to provide a comprehensive understanding of the clinical applications of advance radiation therapy technology for a safe and effective implementation of advance radiation therapy technology.

This training course is primarily intended for entry-level and novice professionals.

Learning outcomes

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

- Explain the principles of IMRT & SBRT
- 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.
- Clinical applications of IMRT for head & neck cancers and SBRT for lung & liver cancers

Program

FRIDAY 11 NOVEMBER

830- 9:30	Registration - Hotel MIELPARQUE Hiroshima (6F) room "AKI"	
9:30-12:00	Attend The 35 th annual meeting of the Japanese Society for Radiation Oncology	
14:00-17:00	Attend The 35 th annual meeting of the Japanese Society for Radiation Oncology	
18:00-18:40	Dr. May Abdel-Wahab	About the IAEA

SATURDAY 12 NOVEMBER

8:30-12:00	Attend The 35 th annual meeting of the Japanese Society for Radiation Oncology
13:00-15:00	Observe exhibition theatre and poster display at the above mentioned meeting

SUNDAY 13 NOVEMBER

AM 9:00	Meet us at the main entrance of Hotel MIELPARQUE Hiroshima (1F) Visit to Hiroshima Peace Memorial Museum, A lecture by A-bomb survivor
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MONDAY 14 NOVEMBER

8:15 – 9:00	Transportation (Meet us at the main entrance of Hotel MIELPARQUE Hiroshima (1F))	
9:00 – 9:10	Dr. Kamiya (President of HICARE)	Welcome and Opening addresses
9:10 – 9:30	Yasushi Nagata (Director of HIPRAC, Executive Secretary of HICARE)	Current status of IMRT & SBRT in Japan
9:30 – 9:45	Break	
9:45 – 10:30	Yuji Murakami	IMRT for H & N 1
10:30 – 11:15	Ikuno Nishibuchi	IMRT for H & N 2
11:15 – 12:00	Daisuke Kawahara	QA: IMRT
12:00 – 12:30	Facility Tour of HIPRAC	
12:30- 13:30	Lunch break	
13:30 – 16:00	Hands-on Training (Murakami, Nishibuchi, Imano, Katsuta)	RTP of IMRT for H & N (Nasopharyngeal cancer)
16:00 – 16:30	Break	
16:30 After clinical use –	Hands- on Training (Ozawa, Nakao, Miura)	QA for IMRT (Mainly for physicist)
18:30 – 18:45	Masahiro Kenjo	Wrap up
	Transportation	
19:00 – 20:30	Welcome Dinner - Hotel MIELPARQUE Hiroshima (5F) room “TUBAKI”	

TUESDAY 15 NOVEMBER

8:15 – 9:00	Transportation (Meet us at the main entrance of Hotel MIELPARQUE Hiroshima (1F))	
9:00 – 9:30	Kazunori Kodama	A-bomb radiation effect on human body
9:30 – 10:00	Yoshiko Doi	SBRT for liver cancer
10:00 – 10:15	Break	
10:15 – 10:45	Nobuki Imano	SBRT for lung cancer
10:45 – 11:15	Shuichi Ozawa	Physics: SBRT 1
11:15 – 11:45	Hideharu Miura	Physics: SBRT 2
11:45 – 12:45	Lunch break	
12:45 – 14:45	Hands-on Training (Imano, Saito, Nakashima, Miura)	SBRT
14:45 – 15:15	Break	
15:15 – 17:15	Hands-on Training	SBRT
17:15 – 17:30	Break	
17:30 – 18:00	Yasushi Nagata	Wrap up