



HICARE INTERNATIONAL TRAINING COURSE on Medical Responses to Radiation Accidents and Disasters

Organized in cooperation with International Atomic Energy Agency

Hiroshima, Japan, February 19-21, 2018.

Course Director (HICARE): Nobuyuki HIROHASHI (Professor, Hiroshima University, Research Institution for Radiation Biology and Medicine)

Venue: The course will take place at;

- Monday 19 FEB, Tuesday 20 FEB morning and Wednesday 21 FEB morning, Hiroshima University Kojin Kaikan Conference Hall (1-2-3 Kasumi, Minami-ku, Hiroshima City, Hiroshima, Japan),
- Tuesday 20 FEB afternoon, Hiroshima University Hospital,
- Wednesday 21 FEB afternoon, Radiation Effects Research Foundation (RERF), then visit to the Peace Memorial Museum.

Objective: To train personnel expected to respond to radiation accidents and disasters.

Learning outcomes: At the completion of the workshop, the participants will be able to:

- Understand the history of radiation accidents/disasters and basic knowledge on radiation;
- Understand the practical medical management and other related areas responding to radiation accidents and disasters;
- Acquire proven know-how and skills necessary for responding to radiation accidents and disasters
- Prospective participants; 30 persons from Malaysia, Mongolia, Korea, USA, Brazil, Philippines, Viet Nam, Bangladesh, Kazakhstan, Japan.

Day1: February 19 (Monday)			
08:30 – 09:00	Registration/ Break		
09:00 – 09:30	Keiichi HIRAMATSU (HICARE) Kenji KAMIYA (Hiroshima Univ) Istvan TURAI (IAEA)	Welcome and Opening addresses	
	Nobuyuki HIROHASHI	Introduction, course presentation Group Photo	
09:30 – 10:30 (Lecture)	Istvan TURAI	IAEA Lecturer, Prof. of Rad. Health, ELTE Univ. Budapest (former IAEA-EPR, WHO-REMPAN & EC specialist, DG of NRIRR)	Radiation Emergencies: Scope of the Problem, Statistics, Classifications
10:45 – 11:45 (Lecture)	Hiroshi YASUDA	Professor, Research Institute for Radiation Biology and Medicine, Hiroshima University	Nuclear and radiation physics - Dosimetry of internal and external exposure
11:45 – 13:15	Lunch Break		
13:15 – 14:15 (Lecture)	Masaharu MAEDA	Professor, Fukushima Medical University	Mental health in emergencies
14:15 – 15:15 (Lecture)	Makoto AKASHI	Professor; Executive Director, National Institutes for Quantum and Radiological Science and Technology	Lessons learned from Fukushima Accident
15:15 – 16:00 (Lecture)	Istvan TURAI	IAEA Lecturer, Professor of Radiation Health, ELTE Univ. Budapest, Hungary	Lessons learned from assessment of environmental radiation monitoring and public

			information in Hungary following the Fukushima accident
16:00 – 17:00 (Lecture)	Makoto AKASHI	Professor; Executive Director, National Institutes for Quantum and Radiological Science and Technology	Lessons learned from Tokaimura accident
17:15 – 19:00	Welcome party (Venue: 'Viola dining' second floor of Kasumi Hall)		

Day2: February 20 (Tuesday)			
09:00 – 10:00 (Lecture)	Istvan TURAI	IAEA Lecturer, Professor of Radiation Health, ELTE Univ. Budapest, Hungary	Medical Management On-site and at Pre-hospital Levels
10:15 – 11:15 (Lecture)	Nobuyuki HIROHASHI	Professor, Research Institute for Radiation Biology and Medicine, Hiroshima University	Emergency room management of Radiation-Nuclear patients
11:25 – 12:00 (Tour)	Shingo SASATANI Nobuyuki HIROHASHI	Facility tour: Whole Body Counter, Emergency and Critical Care Center, Hiroshima University Hospital	
12:00 – 13:00	Lunch break		
13:00 – 17:00 (Drill)	Emergency Radiation Medicine Promoting Center, Hiroshima University	Emergency medical response to radiation and nuclear accidents	

Day3: February 21 (Wednesday)			
09:00 – 10:00 (Lecture)	Satoshi TASHIRO	Professor, Research Institute for Radiation Biology and Medicine, Hiroshima University	Recent advances in biological dosimetry
10:15 – 11:15 (Lecture)	Kazuhiko MAEKAWA	Professor Emeritus, University of Tokyo Chairman, the Humanitarian Medical Assistance	Why do we have to be prepared for nuclear/radiological emergencies?
11:15 – 12:00 (Lecture)	Istvan TURAI	IAEA Lecturer, Professor of Radiation Health, ELTE Univ. Budapest, Hungary	The main Lessons learned from medical management of radiation accidents in Goiania, Chernobyl, Lilo, Istanbul, Bangkok & Nueva Aldea
12:00 – 12:45	Lunch break		
12:45 – 13:00	Transportation: Move to RERF by bus		
13:00 – 14:30	Kazunori KODAMA Istvan TURAI Nobuyuki HIROHASHI	Radiation Effects Research Foundation: Introduction and presentation of RERF Handing of certificates (in RERF venue) Closing remarks	
14:45 – 15:00	Transportation: Move to Peace memorial park		
15:00 – 17:00 (Tour)	Optional tour (Hiroshima Peace Memorial Museum, A-bomb dome)		