

Radiation Protection For Healthcare Professionals

a collaborative project of

Department of Radiology and Department of Continuing Professional Education
Aga Khan University

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Pakistan Nuclear Regulatory Authority (PNRA)

Date: Feb. 15, 2017

Venue: Radiology Seminar Room, Aga Khan University Hospital

Sr. #	Course Contents	Duration	Facilitators	Time
1	Welcome to the Participants & Introduction to the Course	15 min	Dr. Nadeem Ahmed	9:00 - 9:10 am
2	Introduction to Imaging through Ionizing Radiation & Radiation doses to patients during Radiological exams	30 min	Dr. M Azeemuddin, AKUH	9:10 – 9:40 am
3	Introduction to Nuclear Medicine	20 min	Dr. Maseeh Uz Zaman, AKUH	9:40 – 10:00 am
Tea Break 0955 – 1030 hours				
4	Introduction to Radiation Oncology	20 min	Mr. Noman H. Siddiqui, AKUH	10:30 – 11:00 am
5	Basic Radiation Physics	45 min	Dr. Syed Mansoor Naqvi, AKUH	11:00 – 11:45 am
6	Radiation Interactions & Biological Effects of Ionizing Radiation	30 min	Dr. Maseeh Uz Zaman, AKUH	11:45am– 12:15pm
7	Pregnancy and Medical Exposure	30 min	Dr. Riffat Hussain, AKUH	12:15 – 12:45 pm
Lunch & Prayer Break 12:45 – 1:45 pm				
8	General Radiation Safety and Regulatory Requirements	45 min	PNRA	1:45 – 2:30 pm
9	Workshop: Optimization of Radiation Protection in General Radiology, Fluoroscopy, Angiography and Dental X-ray procedures	1 hour	Syed Mansoor Naqvi, AKUH	2:30–3:00 pm
10	Workshop: Radiation Monitoring and measuring devices	30 min	AKUH/PNRA	3:00–3:30 pm
11	Radiation Safety Culture in Healthcare Organizations	30 min	PNRA	3:30–4:00 pm
Closing Ceremony & Certificate Distribution 4:00 – 4:30 pm				