

Regional Training Course on Accidents and Accident Prevention in Radiotherapy
Argonne National Lab, USA
March 23 – 27 2015

Day Time	Monday March 23	Tuesday March 24	Wednesday March 25	Thursday March 26	Friday March 27
9:00-10:30	Opening Ceremony (Safety at Argonne) (0.30 hr) The Radiotherapy Process- Pipman (0.75 hr)	Reporting of accidents and incidents (0.5 hr) -Pipman Process Maps – Brown (1.0 hr)	Root cause analysis –Pawlicki (0.75hr) Statistical Process Control – Pawlicki (0.75hr)	Staffing levels, training, communication Jursinic Establishment of a QA management program that includes safety Jursinic	GROUP EXERCISE Aguirre
10:30-10:45	Group Photo		Coffee/Tea Break		
10:45-12:00	Accidents in radiotherapy - Aguirre The Risks of high Technology in RT - Siochi	Failure Modes and Effects Analysis – Brown (1.25hr)	Quality Management – Dunscombe (1.25 hr)	Quality Audit Programs in the USA and other International programs -Aguirre	DISCUSSION OF GROUP EXERCISE Aguirre
12:00-1:00	Lunch Break				
1:00-3:00	Clinical consequences of RT accidents - TBN	Incident learning (0.5hr) Checklists – Mutic (1.0 hr)	Safety Culture – Dunscombe (0.5 hr) Improvements on safety Recent IAEA efforts in safety Gilley, IAEA (0.75 hr) IAEA Audits and accident prevention–Gilley, IAEA (0.75 hr)	What to do when an accident occurs - Aguirre	DISCUSSION OF COURSE
3:15-3:30	Coffee/Tea Break				
3:30-5:00	Introduction to Quality and Safety – Dunscombe (0.5hr) AAPM’s Safety Profile Assessment (Dunscombe 0.75 hr)	Preventive Measures - Dunscombe (1 hr)	Improving Quality and Safety: The Clinician’s Perspective - Beadle	GROUP EXERCISE Aguirre	Closing