

**Regional Training Course on Accidents and Accident Prevention in Radiotherapy,
Argonne National Lab, USA
November 26 – 30, 2012**

Day Time	Monday November 26	Tuesday November 27	Wednesday November 28	Thursday November 29	Friday November 30
9:00-10:30	Opening Ceremony (Safety at Argonne) (0.30 hr) The Radiotherapy Process- Knoos (0.75 hr)	Introduction to Quality and Safety – Dunscombe (0.5hr) Process Maps – Brown (1.0 hr)	Preventive Measures - Dunscombe (1 hr) Safety Culture – Dunscombe (0.5 hr)	What to do when an accident occurs - Aguirre	GROUP EXERCISE
10:30-10:45	Group Photo		Coffee/Tea Break		
10:45-12:00	Clinical consequences of RT accidents - Wiley	Failure Modes and Effects Analysis – Brown (1.25hr)	Quality Management – Dunscombe (1.25 hr)	The RPC Quality Audit Program and other International programs - Aguirre	DISCUSSION OF GROUP EXERCISE
12:00-1:00	Lunch Break				
1:00-3:00	Accidents in radiotherapy - Aguirre Accidents involving IMRT, SRS and IGRT - Amols	Human Factors – Dunscombe (0.5hr) Root cause analysis – Pawlicki (0.75hr) Statistical Process Control – Pawlicki (0.75hr)	Improvements on safety Recent IAEA efforts in safety –Knoos, IAEA IAEA Audits and accident prevention–Knoos, IAEA	Staffing levels, training, communication Jursinic Establishment of a QA management program that includes safety Jursinic	DISCUSSION OF COURSE
3:15-3:30	Individual Photos		Coffee/Tea Break		
3:30-5:00	Reporting of accidents and incidents (0.5 hr) -Knoos	Incident learning – Mutic (0.5 hr) Checklists – Mutic (1.0 hr)	Improving Quality and Safety: The Clinician’s Perspective - Das	GROUP EXERCISE	Closing