

Joint ICTP-IAEA Workshop on Risk Assessment in Advanced Radiotherapy Techniques

Endorsed and supported by AAPM, EFOMP, and ESTRO

February 22 -25 and March 1-5 2021

1400 – 1700 each day, Monday through Friday

Monday, 22nd February

Time	Topic	Lecturer	
Opening Session			
1400	Welcome, introduction of participants and experts	R. Padovani	
1420	Motivation, objectives	D. Gilley	
1430	Pre-Test	D. Gilley	Google form
1500	Case Study	D. Gilley	
1520	Break		
Setting the Scene			
1540	Review of advanced radiotherapy Techniques	E. Ford	
1600	Perspective on risk	B. McClean	
1620	Safety Issues with new technology	N. Jornet	
1650	Discussion		
1700	How to get started with Evaluation of Risk 1 and Homework	B. McClean	Worksheet

Tuesday, 23 February

Setting the Scene			
Time	Topic	Lecturer	
1400	Review homework	B. McClean	
1420	How to get started with evaluation risk in advanced technology 2	B. McClean	
1440	Implementation pathway if a new technique	E. Ford	
1500	Staffing models and Staff responsibilities	B. McClean	
1520	Break		
Risk Identification and Scoring			
1540	Human Factors in Healthcare	E. Ford	
1600	LEAN in Healthcare	N. Jornet	
1620	Discussion		
1700	Homework		

Wednesday, 24 February

Risk Identification and Scoring			
Time	Topic	Lecturer	
1400	Review		
1420	FMEA	B. McClean	
1520	Demonstration	B. McClean	
1530	Break		
1600	Exercise	B. McClean	
1640	Discussion	B. McClean	

Thursday, 25 February

Time	Topic	Lecturer	
Risk Identification and Scoring			
1400	Discussion		
1420	Prospective Risk Analysis (SVERRA)	N. Jornet	
1440	AAPM SPA	E. Ford	
1500	Education and Continuous Training	N. Jornet	
1520	Break		
1540	Policies and Procedures	E. Ford	
1600	Staffing models and staff responsibilities	B. McClean	
1620	Effective use of checklist	E. Ford	
1640	Peer Review	N. Jornet	
1700	Homework	Perform SPA	

Friday, 26 February

Time	Topic	Lecturer	
1400	Review		
1420	Audits (internal and external)	N. Jornet	
1440	QUANTRO Audits	D. Gilley	
Learning from Incidents			
1500	SAFRON		
1530	Break		
1550	SAFRON Exercise	D. Gilley	
1630	The value of near events and near misses in error prevention	N. Jornet	

Monday, March 1

Time	Topic	Lecturer	
1400	Review	D. Gilley	
Investigating an Incident			
1420	Root Cause Analysis	E. Ford	
1520	Exercise		
1540	Break	E. Ford	
1550	Discuss the exercise	E. Ford	
1700	Homework	D. Gilley	

Tuesday, March 2

Time	Topic	Lecturer	
1400	Review Homework	D. Gilley	
1420	Effective Communication to staff and management	N. Jornet	
1440	Reporting to the regulatory authority	D. Gilley	
1500	The second victim	E. Ford	
1520	Break		
Safety Culture			
1530	Safety Culture	D. Gilley	
1550	Exercise	E. Ford	
1630	Discuss the exercise	E. Ford	
1700	Homework	D. Gilley	

Wednesday March 3

Time	Topic	Lecturer	
1400	Student Presentations	1	
1410		2	
1420		3	
1430		4	
1440		5	
1450		6	
1500		7	
1510		8	
1520		9	
1530	Break		
1540		10	
1550		11	
1600		12	
1610		13	
1620		14	
1630		15	
1640		16	

1650		17	
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Thursday, March 4

Time	Topic	Lecturer	
1400	Student Presentations	18	
1410		19	
1420		20	
1430		21	
1440		22	
1450		23	
1500		24	
1540		25	
1600		26	
1610		27	
1620		28	
1630		29	
1640		30	

Friday, March 5

Time	Topic	Lecturer	
1400	Discussion		
1420	Review of Experts on Presentations		
1450	ICTP Students Remarks		
1500	Post exam	Google Form	
1530	Closing session	R. Padovani	
1600	Evaluation	Google Form	