



Dr. Rabih Hammoud
Course Director

"No matter how miniscule, the true value of imparted knowledge is only realized when it has been fruitfully applied to improve the lives of our fellow man"

The Radiation Oncology Department at National Center for Cancer Care & Research, Hamad Medical Corporation in conjunction with the Middle East Federation of Organizations of Medical Physics (MEFOMP) and Qatar Medical Physics Society (QaMPS), welcomes delegates to the workshop titled:

Radiation Therapy Instrumentation Workshop

**22 - 24
September
2022**

Doha - Qatar



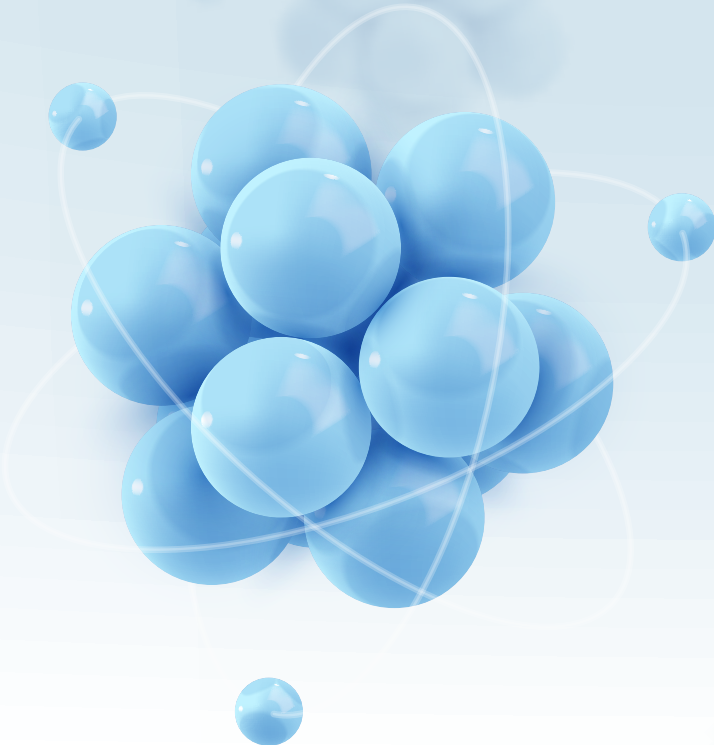
AGENDA

Day 1: Thursday 22nd September 2022
(Moderators : Dr. Tarek El Kaissi / Amine Khemissi)

Time	Session	Title of Presentation	Speaker	Venue
10:00 – 10:30		Registration and badge pick up		La Cigale Hotel
10:30 – 11:00		Welcome notes	Dr. Noora Al Hammadi/ Dr. Meshari Al-Nuaimi/ Dr. Riad Shweikani	
11:00 – 11:15		Opening Remarks	Dr. Rabih Hammoud	
11:15 – 11:45		Participants Self- introduction	All Participants	
11:45 – 12:15	Lecture 1	Cavity Theory / Chamber Calibration	Tino Ebneeth	
12:15 – 12:45	Lecture 2	Thimble Chambers / Parallel Plate Chambers	Abdul Sattar Khalid	
12:30 – 13:30		Lunch Break		
13:45 – 14:15	Lecture 3	2D Arrays / Daily QA Devices	Tino Ebneeth	
14:15 – 14:45	Lecture 4	Radiation Monitoring Instruments	Renilmon Sukumaran	
14:45 – 15:15	Lecture 5	Well Chambers	Siji Nojin Paul	
15:15 – 15:30		Break		
15:30 – 16:00		Transfer		
16:00 – 17:00	Practical Session 1 (Group 1)	Detector Exercises / Check source	PTW / Abdul Sattar Khalid / Carole Naim	Radiation Oncology, NCCCR
	Practical Session 2 (Group 2)	Patient Plan Verification	Sharib Ahmed / Aram Rostami	
17:00 – 17:15		Break		
17:15 - 18:15	Practical Session 1 (Group 1)	Detector Exercises / Check source	PTW / Abdul Sattar Khalid / Carole Naim	
	Practical Session 2 (Group 2)	Patient Plan Verification	Sharib Ahmed / Aram Rostami	
20:00		Gala Dinner		

Day 2: Friday 23rd September 2022
(Moderators : Satheesh Paloor / Dr. Tarek El Kaissi)

Time	Session	Title of Presentation	Speaker	Venue
08:30 – 09:00	Lecture 6	Electrometers / Signal Quality / Connectors	Tino Ebne th	Radiation Oncology, NCCCR
09:00 – 09:30	Lecture 7	Water Tank Measurements	Aluisio De Castro	
09:30 – 10:00		Break		
10:00 – 11:00	Lecture 8	Real-Life Physics Scenarios	Tino Ebne th	
11:00 – 13:00		Break (Friday Prayers & Lunch)		
13:00 – 15:30	Practical Session 3 (Group 1)	Water Phantom Measurements	PTW / Aluisio De Castro / Amine Khemissi	
	Practical Session 4 (Group 2)	HDR Brachytherapy Activity Measurement	Siji Nojin Paul / Abdul Sattar Khalid	



Day 3: Saturday 24th September 2022
(Moderators : Carole Naim / Aram Rostami)

Time	Session	Title of Presentation	Speaker	Venue
08:30 – 09:00	Lecture 9	Diodes, Diamonds	Tino Ebne th	Radiation Oncology, NCCCR
09:00 – 09:30	Lecture 10	Introduction to Small Field Dosimetry	Sharib Ahmed	
09:30 – 10:00	Lecture 11	Characteristics of FFF Beams	Aram Rostami	
10:00 – 10:30		Break		
10:30 – 13:00	Practical Session 3 (Group 2)	Water Phantom Measurements	Tino Ebne th / Aluisio De Castro / Amine Khemissi	
	Practical Session 4 (Group 1)	HDR Brachytherapy Activity Measurement	Siji Nojin Paul / Abdul Sattar Khalid	
13:00 – 14:00		Lunch Break		
14:00 – 14:30		Exam		
14:30 – 15:15	Ethos Demo (Group 1)		Dr. Yoganathan Arunachalam / Amine Khemissi	
	CyberKnife Demo (Group 2)		Dr. Tarek El Kaissi / Aluisio De Castro	
15:15 – 16:00	Ethos Demo (Group 2)		Dr. Yoganathan Arunachalam/ Amine Khemissi	
	CyberKnife Demo (Group 1)		Dr. Tarek El Kaissi / Aluisio De Castro	
16:00 – 16:30	Lecture 12	Latest developments from PTW	Madjid Sharaf	
16:30 – 17:00	Closing Lecture	Promoting a Safe RT Environment	Satheesh Prasad Paloor	
17:00 – 17:30		Exam Review		
17:30 – 18:30		Closing Ceremony	Dr. Huda Al Naimi / Dr. Rabih Hammoud / Dr. Hassan Kharita	
20:00		Closing Dinner		