



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
مؤسسة عامة Gen. Org.

رؤية
VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

2019

RADIATION IN MEDICINE COURSES & WORKSHOPS

King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia

Radiation Safety Course for Technologists and Nurses

DAY One – Tuesday, February 12, 2019

TIME	MINS		
08:00 – 9:00		Registration & Morning Coffee	
9:00-10:20		SESSION ONE: RADIATION PHYSICS	
09:00	40	Nuclear Physics	Omar Noor
09:40	40	Interaction and Detection of Radiations	Mehenna Arib
10:20	15	MORNING BREAK	
10:35-12:00		SESSION TWO: RADIATION PROTECTION 1	
10:35	40	Biological Effects of Radiation	Ghazi Alsbeih
11:15	45	Principles of Radiation Protection	Belal Moftah
12:00	90	PRAYER TIME & LUNCH	
13:30-15:30		SESSION THREE: RADIATION PROTECTION 2	
13:30	45	External Radiation Hazard	Mehenna Arib
14:15	45	Internal Radiation Hazard	Omar Noor
15:00	30	Personal Dosimetry	Ibrahim Algain
15:30	30	PRAYER & AFTERNOON BREAK	
16:00	30	Transportation and Storage of Radioactive Materials	Fareed Mayhoub
16:30	30	Radiation Accidents and Emergency	Belal Moftah

Radiation Safety Course for Technologists and Nurses

DAY TWO – Wednesday, February 13, 2019

TIME	MINS		
08:00 – 9:00		Registration & Morning Coffee	
9:00-10:20		SESSION FOUR: RADIATION PROTECTION IN SPECIFIC TOPICS 1	
09:00	80	Practices and Radiation Protection in Diagnostic Radiology	Omar Noor
10:20	15	MORNING BREAK	
10:35 - 12:00		SESSION FIVE: RADIATION PROTECTION IN SPECIFIC TOPICS 2	
10:35	45	Radiation Protection in Nuclear Medicine	Yassine Bouchareb
11:20	40	Radiation Protection in Radiotherapy	Belal Moftah
12:00	90	PRAYER TIME & LUNCH	
13:30 - 15:30		SESSION SIX – WORKSHOPS 1 & 2 (ROTATIONAL BASIS)	
13:30	60	Introduction to Measurements, Statistics and Uncertainties	Mehenna Arib
14:30	60	Workshop 1: Radiation Detection and Measurements (Group 1) Workshop 2: Personal Dosimetry (Group 2)	M. Arib, H. Alhumaidan, M. Alkudaibi I. Algain, S. Alshora, N. Aledan
15:30	30	PRAYER & AFTERNOON BREAK	
16:00	60	Workshop 1: Radiation Detection and Measurements (Group 2) Workshop 2: Personal Dosimetry (Group 1)	M. Arib, H. Alhumaidan, M. Alkudaibi I. Algain, S. Alshora, N. Aledan

DAY THREE – Thursday, February 14, 2019

TIME	MINS		
08:00 – 9:00		Morning Coffee	
9:00-10:00		SESSION SEVEN: WORKSHOPS 3 & 4 (ROTATIONAL BASIS)	
09:00	60	Workshop 3: I-131 therapy and contamination management (Group 1) Workshop 4: Use and inspection of personal protective equipment (Group 2)	O. Noor, C. Lagarde F. Mayhoub, S. Alhazani
10:00	15	MORNING BREAK	
10:15	60	Workshop 3: I-131 therapy and contamination management (Group 2) Workshop 4: Use and inspection of personal protective equipment (Group 1)	O. Noor, C. Lagarde F. Mayhoub, S. Alhazani
11:15	30	General Discussions and	Mehenna Arib
11:45	15	Closing Ceremony	