



**RadMed2023**  
Radiation in Medicine Courses & Workshops

# Advances in Radiation Oncology

**13 February 2023**

Post Graduate Centre, KFSH&RC, Riyadh



**Scientific Track Director:  
Mohammad Al-Shabanah, MD**



SCAN ME

FOR REGISTRATION



SCAN ME

FOR INFORMATION

# Speakers



**Sebastian Adamczyk, PhD**  
Vice President, EMEA Operations  
IntraOp Medical Corporation



**Mohammed Aldehaim, MD**  
Consultant, Radiation Oncology  
Department, Oncology Centre  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Tarek Bait Almal, MD**  
Consultant, Hepatobiliary Pancreatic  
Oncology Centre,  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Habib Alsaleh, PhD**  
Medical Physicist,  
Radiation Oncology Physics Section  
Biomedical Physics Department,  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Noha Jastaniyah, MD**  
Consultant, Radiation Oncology  
Department, Oncology Centre  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Eleonora Lanzi**  
Manager, Software Sales Specialist,  
Emerging Markets  
Varian Medical Systems  
Turin, Piedmont, Italy



**Ahmad Nobah, MSc**  
Medical Physicist,  
Radiation Oncology Physics Section  
Biomedical Physics Department,  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Mohamed Rizwanullah, MD**  
Consultant, Radiation Oncology  
Department, Oncology Centre  
King Faisal Specialist Hospital &  
Research Centre, Riyadh, KSA



**Matthew Schmidt, PhD**  
Medical Physicist/Programmer,  
Assistant Professor, Radiation Oncology  
Chief, Quality Assurance  
Washington University School of  
Medicine in St. Louis  
St. Louis, Missouri, USA

# PROGRAM SCHEDULE

## 13 February 2023; Monday

08:00 AM - 09:00 AM

Registration & Coffee

### SESSION 1: Moderator: Dr. Mohammad Al-Shabanah

09:00 AM - 09:35 AM

IORT: KFSH&RC Experience - Dr. Tarek Bait Almal

09:35 AM - 10:15 AM

Latest Advancements in Electron Therapy - Accelerating the Clinical Implementation of FLASH RT - Dr. Sebastian Adamczyk

10:15 AM - 10:35 AM

Opening Ceremony

### SESSION 2: Moderator: Dr. Belal Moftah

10:35 AM - 11:10 AM

Proton Therapy - Dr. Mohammed Aldehaim

11:10 AM - 11:45 AM

Advances in Brachytherapy - Dr. Noha Jastaniyah

11:45 AM - 12:00 PM

Discussion - All Panel

12:00 PM - 01:30 PM

Prayer and Lunch Break

### SESSION 3: Moderator: Dr. Ameen Alomair

01:30 PM - 02:05 PM

Scripting: Clinical Experience to Radiotherapy Planning Automation - Dr. Matthew Schmidt

02:05 PM - 02:40 PM

AI-Based Segmentation - Eleonora Lanzi

02:40 PM - 03:15 PM

KFSH&RC Planning Automation Experience - Mr. Ahmad Nobah

03:15 PM - 03:30 PM

Discussion - All Panel

03:30 PM - 04:00 PM

Prayer and Afternoon Break

### SESSION 4: Moderator: Dr. Khizar Hayat

04:00 PM - 04:15 PM

MRI-Based Planning - Dr. Habib Alsaleh

04:15 PM - 04:40 PM

Implementation of SGRT for SRS - Mr. Luke Rock

04:40 PM - 05:10 PM

MR Linac in the Clinic - Dr. Mohamed Rizwanullah

05:10 PM - 05:20 PM

Discussion - All Panel