



MESTRO 2023 Conference
Theme: Radiation Biological Modifiers for Improved Cancer Systemic Control
November 9th - 11th 2023, Al Faisal University, Riyadh, Saudi Arabia

Scientific Program
All programs are in Arabian Standard Time (GMT+3)
Day 1, Thursday November 09, 2023

TIME	PROGRAM	SPEAKER
08:00 - 08:55	On-site registration and Breakfast	
08:55 - 09:10	Introduction	Prof. Khaled Al-Kattan Dr. Saad Al Rashidi Prof. Jean-Philippe Pignol
1ST SESSION		
Chairperson: Prof. Mushabbab Al Asiri		
09:10 - 09:25	Update about radiation therapy in Saudi Arabia	Dr. Majed Alghamdi
09:25 - 09:40	Update about radiation therapy in Pakistan	Prof. Ahmed Nadeem Abbasi
09:40 - 09:55	Update about radiation therapy in UAE	Dr. Abdulrahman Bin Sumaida
09:55 - 10:10	Update about radiation therapy in Oman	Dr. Zahid Almandhari
10:10 - 10:25	Update about radiation therapy in Turkey	Prof. Hale Caglar
10:25 - 10:40	Update about radiation therapy in Lebanon	Dr. Caroline Jabbour
10:40 - 10:55	Update about radiation therapy in Kuwait	Dr. Nashwa Nazmy Abd Elkarim
10:55 - 11:10	Update about radiation therapy in Bahrain	Dr. Zainab AbdulRazaq Ibrahim
11:10 - 11:25	Update about radiation therapy in Qatar	Dr. Mohammad Riyas
11:25 - 11:40	Update about radiation therapy in Jordan	Dr. Jamal Khader
Chairperson: Dr. Saif Aljabab		
11:40 - 12:10	Brainlab Symposium: ExacTrac Dynamic for stereotactic brain radiosurgery and motion management	Prof. Thierry Gevaert (<u>virtual</u>)
12:10 - 13:00	Lunch Break	
2ND SESSION		
Chairpersons: Dr. Sameer Sindy and Dr. Mohammed Marie		
13:00 - 13:20	Varian Symposium: Advancement in cancer treatment using Halcyon	Dr. Nour Uri
13:20 - 13:50	● Keynote speaker 1: Biological enhancement of radiotherapy	Prof. Jean-Philippe Pignol
13:50 - 14:10	Accuray Symposium: Primary endpoint results of PACE A and PACE B (An international phase III randomized controlled umbrella trial comparing prostate SBRT to conventional radiotherapy and surgery for localized prostate cancer).	Dr. Binnaz Yasar
14:10 - 14:30	Review of Prostate treatment innovations	Dr. Nadeem Pervez
14:30 - 14:50	Review of Gynecology treatment innovations	Dr. Saad Al Rashidi
14:50 - 15:20	Poster Walk Discussion	Dr. Abdulrahman Bin Sumaida Prof. Ahmed Nadeem Abbasi
15:20 - 15:30	Coffee Break	
3RD SESSION		
Chairpersons: Dr. Reem AlOmran and Maria Tariq		
15:30 - 16:00	● Keynote Speaker 2: Importance of the abscopal effect in management of bladder cancer	Prof. Syed Anwer Hussain
16:00 - 16:20	Review of Breast management	Dr. Reem Albeesh
16:20 - 16:40	A caution note on breast cancer treatment de-escalation	Prof. Jean-Philippe Pignol
16:40 - 17:00	Academic Productivity During Residency: Success, Challenges and Lessons Learned	Dr. Naif Al Otaibi
17:00 - 17:30	Poster Walk Discussion	Dr. Abdulrahman Bin Sumaida Prof. Ahmed Nadeem Abbasi
17:30 - 20:00	Social gathering and breakout session	Dr. Ikram Burney (Gyn), Dr. Irfan Rana (Brachy), Dr. Balbaid CNS

Day 2, Friday November 10, 2023

TIME	PROGRAM	SPEAKER
08:30 – 09:00	Breakfast	
1ST SESSION		
Chairpersons: Dr. Amani Alkofide and Dr. Muhammad Saghir Khan		
09:00 – 09:20	Local treatment of Pediatric Sarcomas – What's the right time?	Dr. Bilal Qureshi
09:20 – 10:00	Proffered papers: 1. Integration of artificial intelligence in HDR brachytherapy for liver tumors 2. Pediatric Radiotherapy Peer Review Network Meetings – A National Initiative to Enhance the Delivery of Quality Care in Childhood Malignancies Across Pakistan. 3. Impact of Bowel Preparation Compliance on Interfractional Rectal Diameter variation during Prostate Cancer Radiotherapy 4. Percutaneous endoscopic gastrostomy (PEG) Tube dependence in patients with Head and Neck carcinomas: result from a high volume cancer centre in Pakistan	1. Dr. Hathal Haddad 2. Dr. Maria Tariq 3. Dr. Tooba Ali 4. Dr. Rabeeta Shaikh
Chairpersons: Ms. Iqbal Alamri and Dr. George Fares		
10:00 – 10:30	Keynote speaker 3: Reshaping Tomorrow: The Need for Multi-country Clinical Trials in the Middle East countries with a Focus on Cancer.	Dr. Saiful Huq (<u>virtual</u>)
10:30 – 11:00	● Immunomodulation and checkpoint inhibitors	Dr. Ikram Burney
11:00 – 13:00	11:10 – 11:20 Group photographs 11:30 – 12:00 Jummah prayer (11:37 at the Alfaisal Mosque) 12:00 – 13:00 Lunch	
2ND SESSION		
Chairpersons: Dr. Ali Balbaid and Dr. Mohammad Faheem		
13:00 - 13:20	● Optimizing Androgen Deprivation and Radiotherapy for Localized Prostate Cancer	Dr. Fady Geara
13:20 - 13:40	Review of Neuro treatment innovations	Prof. Hale Caglar
13:40 – 14:00	● Immunotherapy changing the landscape of cancer treatment	Dr. Faisal Azam
Chairperson: Dr. Hussain AlHussain		
14:00 - 14:20	Review of Head & Neck cancer treatment	Dr. Mohammed Aldohan
14:20 – 14:30	Coffee Break	
14:30 – 14:55	● AstraZeneca Symposium: Hormonotherapy and PARP inhibitors in advanced prostate cancers	Dr. Saad Al-Rashidi
3RD SESSION		
Chairpersons: Dr. Moftah Alsultani and Dr. Ghufra Aljawi		
14:55 - 15:15	Review of Skin management	Prof. Kurian Joseph
15:15 - 15:35	Review of Gastrointestinal cancers management	Dr. Khalid Alrabiah
15:35 – 15:55	● Bridging the gap: Molecular imaging, Theranostics and Radiotherapy planning in Brain Tumors"	Dr. Sharjeel Usmani
15:55 – 16:15	Elekta Symposium: Expanding Indications for MR-guided Radiotherapy: First 2-year experience at Gangnam Severance Hospital	Prof. Jun Won Kim (<u>virtual</u>)
16:15 – 16:30	Vision RT: Surface guidance to improve the safety, effectiveness, and efficiency of the entire radiation therapy workflow	Dr. Irakli Martashvili
16:30 – 16:50	Plan challenge study: "Pancreatic SBRT results"	Dr. Nadir Kucuk, Georges Fares
16:50 – 17:00	Results and awards	Dr. Nadeem Pervez

Day 3, Saturday November 11, 2023

TIME	PROGRAM	SPEAKER
08:00 - 09:00	Breakfast	
1ST SESSION		
Chairpersons: Dr. Hane Maumena and Dr. Yasser Bayoumi		
09:00 - 09:20	Review of lung cancer treatment innovations	Dr. Daniel Chamberlain
09:20 - 09:40	Review of Hematology innovations	Dr. Ahmed Maklad
Chairperson: Dr. Jamsari Khalid and Dr. Hussein Alkushi		
09:40 - 10:00	Optimizing the procedural time and dosimetry of permanent prostate cancer brachytherapy"	Dr. Jose Luis Guinot (virtual)
10:00 - 10:20	"Teaching remotely - Trans-perineal Biopsy to diagnose prostate cancer" "Using Brachytherapy for focal therapy treatment"	Prof. Ben Vanneste
Chairpersons: Dr. Irfan Rana, Dr. Saad Alrashidi and Dr. Nadeem Pervez		
10:20 - 11:20	<ul style="list-style-type: none"> Long-term results with custom-linked iodine-125 seeds and real-time brachytherapy in low- and intermediate-risk prostate cancer: (Virtual Participation): Low-dose-rate brachytherapy as a primary treatment for localized and locally advanced prostate cancer, a systematic review of economic evaluations: Benedict Stanberry Patient Involvement, Multi-disciplinary approach, and Patient Decision Aids: Panel discussion (led by Dr. Nadeem Pervez) 	Dr. Jose Luis Guinot Dr. Benedict Stanberry Prof. Ben Vanneste
11:20 - 11:30	Coffee break	
2ND SESSION		
11:30 - 13:20	BD Brachytherapy hands-on workshop	Dr. Jose Luis Guinot Dr. Benedict Stanberry Prof. Ben Vanneste
13:20 - 13:30	Awards and closing remarks	Dr. Saad Alrashidi

PARALLEL SESSION: Medical Physics

Day 2, Friday November 10, 2023

TIME	PROGRAM	SPEAKER
08:30 - 09:00	Breakfast	
Chairpersons: Dr. Mukhtar AlShanquity and Dr. Wamied Abdel Rahman		
09:00 - 09:20	Medical Physics in the Middle East – current status and future directions	Dr. Meshari Al Nuaimi
09:20 - 09:40	Role of Medical Physics in advancing radiation therapy healthcare equity in Middle Eastern countries	Dr. Ghada Aldosary
09:40 - 10:00	Tomotherapy experience at a tertiary cancer center	Dr. Mohammed Alaswad
10:00 - 10:30	Keynote Speaker 3: Reshaping Tomorrow: The Need for Multi-country Clinical Trials in the Middle Eastern countries with a Focus on Cancer.	Prof. M. Saiful Huq
10:30 - 10:50	Call for action – Incident reporting in the Middle East	Ms. Iqbal Al Amri
10:50 - 11:10	The Beauty and the Beast of Adaptive Radiotherapy – could we design a solution for Middle East?	Prof. Jean-Philippe Pignol
11:10 - 13:00	11:10 - 11:20 Group photographs 11:30 - 12:00 Jummah prayer (11:37 at the Alfaisal Mosque) 12:00 - 13:00 Lunch	
Chairpersons: Dr. Meshari Al Nuaimi and Dr. Ghada Aldosary		
13:00 - 13:20	Optimizing patient care: CBCT based online adaptive radiotherapy with ETHOS	Dr. Rabih Hammoud
13:20 - 13:40	Predicting portal dosimetric images using deep neural networks	Dr. Wamied Abdulrahman
13:40 - 14:00	Prostate US guided HDR brachytherapy	Dr. Mokhtar Alshanquity
14:00 - 14:20	"A Practical Approach to Re-irradiation in Radiation Oncology"	Dr. Nadir Kucuk
14:20 - 14:40	Primo MC code as a tool for dosimetry verification and an independent quality assurance	Dr. George Fares



14:40 - 14:50	Coffee Break	
14:50 – 15:00	Assessment of Bi-Gd ₂ O ₃ nanoparticles as contrast agent for detection of tumor using spectral photon counting CT – a phantom study	Mr. Yusuf Olatunji Ibrahim
15:00 – 15:10	Comparison of Small Field Output Factors for Cyber Knife measured with Different Detectors	Ms. Reenum Iltaf
15:10 – 15:20	● Gold nanoparticles and gold nanorods enhanced radiation-induced cell death in cancer cells	Mr. Mati Ur Rehman
15:20 – 15:30	Factors Affecting Isocenter Displacement and Planning Target Volume Margin for Patients with Rectal Cancer Receiving Radiation Therapy	Mr. Nwaf Alkhanein
15:30 – 15:40	Diagnostic Tool for Non-Small Cell Lung Cancer (NSCLC) Lyophilized Serum	Dr. Mohammed Sayed Mohammed
15:40 – 15:50	Optimal and actual rates of Stereotactic Ablative Body Radiotherapy (SABR) utilization for early-stage lung cancer in Australia.	Dr. Wsam Ghandourh

PARALLEL SESSION: Radiation Therapists

Day 3, Saturday November 11, 2023

TIME	PROGRAM	SPEAKER
08:00 - 09:00	Breakfast	
	Chairperson: Mr. Asaad Alhazineh	
09:00 - 09:20	Radiation dose and Booster Dose after Breast-Conserving Treatment in Patients with Breast Cancer	Mr. Mohammad Al Shahrani
09:20 - 09:40	Immobilization Thermoplastic Masks Immobilization Terms of shrinking and Pressure	Ms. Layal Makki
09:40 – 09:50	Position Reproducibility testing for MR isocenter using MRgRT Simulation Protocol for Head-Neck mask Using Thermoplastic mask.	Ms. Abide Ali Aman
09:50 – 10:00	Effects of hydration on consistency of bladder-filling protocol during pelvic radiation therapy	Dr. Amna Al Ajmi
10:00 – 10:10	Challenges in immobilization and how we used innovative ideas to overcome it	Ms. Sara Albalawi
10:10 - 10:30	Comparison Between Multimedia tools and Verbal Education in Preparations for Patients with Rectal, Prostate and Cervical Cancers	Dr. Rana Al Otaibi