

Monday, 17 February 2014

TIME	On-Site Registration Venue: Intercontinental Hotel													
8:00–9:30 AM	Session 5: Continuing Education Courses (Part V)													
Course No	CEC 1	CEC 2	CEC 3	CEC 4	CEC 5	CEC6	CEC 7	CEC 8	CEC 9	CEC 12	CEC 13	CEC 14		
Course Title	World of Medical Physics	Breast Cancer	Advanced RT Techniques	MRI in Practice	Women's Breast Imaging	Advanced Diagnostic Imaging Techniques	Advanced Nuclear Medicine Techniques	SPECT, PET & CT for Technologists	Health Informatics	Introduction to Radiation Medicine	Radiation Protection & Radiobiology	Scientific Writing & Publishing		
Venue	AlFardousa	AlLazurd	Hall C	AlZumurrud	AlMasmak	Buraidah Hall	AlYaqoot	Oasis	Qasr Khozam	AlHareeq	Hall A	AlHaief		
Coordinator	Slobodan Devic, PhD	Yasser Khafaga, MD	Rana Mahmood, MD	Nabeel Mishah, MBA	Nuha Khoumais, MD	Lamia Jamjoom, MD	Mahmoud Tuli, MD	Gary Sayed, PhD	Metab Alkubeyyer, MD	Belal Mofteh, PhD	Ghazi Alsbeih, MD, PhD	Peter Hall, MD, PhD		
Chairpersons	Nabil Maalej, PhD	Majid Al-Othman, MD, Yasser Khafaga, MD	Essam Murshid, MD, Rana Mahmood, MD	John Talbot, MSc; Cathy Westbrook, MSc	Nuha Khoumais, MD; Iman Baroum, MD	Irfan Mamoun, MD; Adnan AlWatban, PhD	Ahmad Almuhaideb, MD; Saleh Othman, MD	Gary Sayed, PhD	Metab Alkubeyyer, MD	Abdelraheem Kinsara, PhD	Abdelilah Aboussekhra, PhD	Peter Hall, MD, PhD; Hilary Russell, PhD		
CEC Lecture 8:10-8:30 AM	L13: Tutorial on Target and Flattening Filter in Production of Megavoltage X-ray Beams: Theoretical and Practical Aspects Ervin Podgorsak	L1: Review of All Female Breast Cancer Cases from the Saudi Cancer Registry Dahish Ajarim	L1: PET-CT Applications in RT Planning Giovanna Pepe	L6: Image Production John Talbot	L1: Breast MRI in 2014 Nathalie Duchesne	L1: Multi-Parametric Advanced MR Imaging of Brain Tumors: Practical Approach Manzoor Ahmed	L1: PET Radiopharmaceuticals: Valuable Tools in Tumor Therapy Marco Chinol	L1: Overview of CT Technology and Current Practices Elwin Tilson	L1: 20 years of PACS: 10 Lessons Learned Bradley Erickson	L15: Radiation Protection I Ibraheem AlAnazi	L1: An Update of Radiation Induced Genetic Damage Nasir Ali Afsar	L1: The Changing World of Scientific Publishing Peter Hall		
CEC Lecture 8:30-8:50 AM	L14: Tutorial on Medical Linear Accelerator Operation Shan Yau	L2: Imaging of Brachial Plexus E. Turgut Tali	L2: Intensity Modulated Radiation Therapy for Gynecologic Cancers: Past, Present and Future Arno Mundt		L2: Breast MRI – Scanning Protocol Helmuth Schultze-Haakh	L2: A Multimodal Imaging Approach to the Study of Schizophrenia Peter Morris	L2: Determining Efficacy of Breast Cancer Therapy by PET Imaging of HER2 mRNA Matthew Thakur		L2: Overview of SPECT/CT Technology and Current Practices Richard States	L2: Introduction to IHE – Integrating the Healthcare Enterprise” Harry Solomon	L16: Radiation Protection II Ibraheem AlAnazi	L2: Biological Effects of non-ionizing Radiation Abdelilah Aboussekhra	L2: What Makes Good Writing? Hilary Russell	
CEC Lecture 8:50-9:10 AM	L15: Tutorial on Calibration of Photon Beams Following TRS398 Recommendations Mohammed Saiful Huq	L3: Imaging of the Axilla Ruud Pijnappel	L3: MRI Simulation for Radiotherapy Treatment Planning Slobodan Devic		L3: MR-Update on the Upcoming Version of the BIRADS Lexicon Elizabeth Sutton	L3: Flow Diverters in the Treatment of Complex Brain Aneurysms Khalil Kurdi	L3: PET-CT Applications in RT Planning Giovanna Pepe			L3: Overview of PET/CT Technology and Current Practices Gary Sayed	L3: Status of Healthcare IT N. Nishant	L17: Basic Safety Standards Maria Perez	L3: Introduction to Radiation Protection Belal Mofteh	L3: Understanding the Peer Review Process & Journal Production Peter Hall
CEC Lecture 9:10-9:30 AM	L16: Tutorial on Calibration of Electron Beams Following TRS398 Recommendations Mohammed Saiful Huq	L4: Breast Anatomy for Radiation Treatment Rita Pant	L4: MR Integrated with Radiotherapy Kevin Brown			L4: Systemic Diseases and Spine E. Turgut Tali	L4: Neuroendocrine Tumors Diagnosis (OctreoScan to 68Ga-DOTA Peptide PET-CT) Giovanna Pepe				L4: Neuroendocrine Tumors Diagnosis (OctreoScan to 68Ga-DOTA Peptide PET-CT) Giovanna Pepe	L4: Status of DICOM standards for Radiology, Radiation Oncology, and Radiation Protection Harry Solomon	L18: Responsibilities of Radiation Safety Officers and Workers (RSO) Abdulrahman Alarfaj	L4: Radiation Emitting Device Regulation Ali Aldalaan
9:30–9:45 AM	Coffee Break													

9:45-10:30 AM	Session 6: ICRM2014 Opening Ceremony Venue: Intercontinental Hotel Buraidah Hall				
ICRM 2014 Opening Ceremony					
	Recitation of the Holy Quran: Ziad Al Zahrani, Medical Student Opening Remarks: Dr. Belal Moftah, Chairman, ICRM Organizing Committee Co-Organizer's Welcome Addresses: Dr. Maria del Rosario Perez, Responsible Officer for the Global Initiative on Radiation Safety in Health Care Settings, World Health Organization (WHO) H.E. Dr. Daud Mohamad, Deputy Director General, International Atomic Energy Agency (IAEA) H.E. Dr. Mohammed Al-Meshal, President, Saudi Food and Drug Authority (SFDA) H.E. Dr. Hashem Yamani, President, King Abdullah City for Atomic and Renewable Energy (KA CARE) Patronage Welcome Address: H.E. Dr. Qasim Al Qasabi, Chief Executive Officer, King Faisal Specialist Hospital and Research Centre (KFSH&RC)				
10:45AM-12:15 NN	Session 7: Plenary Keynote Lectures I Venue: Buraidah Hall Chairpersons: Saleh Al Mofada, MD and Khalid Abu Khabar, PhD				
10:45-11:15 AM	PKN Lecture 1 Atoms for Peace: Meeting Basic Human Needs Through Science and Technology Daud Mohamad, PhD				
11:15-11:45 AM	PKN Lecture 2 Health Care: Is Access to Health Care a Basic Human Right or Privilege? Ervin Podgorsak, PhD				
11:45 AM-12:15 PM	PKN Lecture 3 Non-ionizing Electromagnetic Radiation Exposure from Cell Phones & Base Stations: What's the Nature of the Exposure and Its Associated Risk Jerrold Bushberg, PhD				
12:15-1:15 PM	Prayer and Lunch Break Poster Viewing Session Opens at Exhibition				
	Session 8: Parallel Tracks I				
1:15-3:30 PM	Session 8 A: Radiation Oncology Track Chairpersons: Ali Al-Zahrani, MD and Suliman Al-Ghamdi, MD	Session 8 B: Diagnostic Imaging Track Chairpersons: Omer Demirkaya, PhD and Mohamed Doger, MD	Session 8 C: Radiation Protection & Radiobiology Track Chairpersons: David Lloyd, PhD and Ghazi Alsbeih, MD, PhD	Session 8 D: Breast Imaging Track Chairpersons: Wafa Alkhyal, MD and Ommalkhair Abulkhair, MD and Rita Pant, MD	CEC4 MRI in Practice Nabeel Mishah, MBA
Venue	Hall C	Buraidah Hall	Hall A	AlHareeq	AlZumurrud
1:15-1:40 PM	RO Lecture 1 The Ongoing Search for Optimal Multimodality Therapy for Nasopharyngeal Carcinoma (NPC) Brian O'Sullivan, MD	DI Lecture 1 Basics of MRS E. Turgut Tali, MD	RRPO Lecture 1 Overview of the New BSS and Relevant Requirements for Medical Settings Maria Pérez, MD	BI Lecture 1 Breast Cancer Screening in 2014 Nathalie Duchesne, MD	L7: Image Optimization Cathy Westbrook
1:40-2:05 PM	RO Lecture 2 Indications for Radiation Treatment after Neoadjuvant Chemotherapy in Patients Treated for Breast Cancer Alphonse Taghian, MD	DI Lecture 2 How to Use Diffusion and Perfusion in Brain Tumors Bradly Erickson, MD, PhD	RRPO Lecture 2 Acute Biological Effects of High Dose Radiation Exposure: An Overview Jerrold Bushberg, PhD	BI Lecture 2 Challenges Facing Breast Cancer Screening in the Kingdom of Saudi Arabia Iman Baroum, MD; Fatmah Almulhim, MD; Fatinah Altahan, MD; Maha Alfehaily, MD	
2:05-2:30 PM	RO Lecture 3 Prostate Cancer Specific Alteration of DNA Repair: A New Path Toward Radiation Sensitization Theodore Leslie DeWeese, MD	DI Lecture 3 Cardiothoracic Imaging in Oncology Michael Bolen, MD	RRPO Lecture 3 GRID Technique Majid Mohuiddin, MD		
2:30-2:55 PM	RO Lecture 4 Image-Guided Radiation Therapy: A Physician's Perspective Arno Mundt, MD	DI Lecture 4 Spinal Tumors E. Turgut Tali, MD	RRPO Lecture 4 Radiobiology of the Prodromal Responses and Acute Radiation Syndrome Following High Doses David Lloyd, PhD	BI Lecture 3 DCIS Imaging Spectrum Asma'a Aldabbagh, MD BI Lecture 4 Breast MRI Challenges Helmuth Schultze-Haakh, PhD	
2:55-3:20 PM	RO Lecture 5 Workflow and Standardization of the Radiation Therapy Process Dimitre Hristov, PhD	DI Lecture 5 Radiation Exposure in Medical Imaging: Effective Risk/Benefit Communication Techniques Jerrold Bushberg, PhD	RRPO Lecture 5 Biological Dosimetry for Mass Casualties Radiation Events David Lloyd, PhD	BI Lecture 5 Imaging of the Axilla Ruud Pijnappel, MD	

3:20-3:30 PM	Discussion	Discussion	Discussion	Discussion	
3:30-4:00 PM	Asr Prayer and Coffee Break				
4:00-5:55 PM	Session 9: Panel Discussions				
	Session 9 A: Innovative Approaches in Radiation Therapy Moderators: <i>Mohammed Mohiuddin, MD and Belal Moftah, PhD</i>	Session 9 B: Innovative Approaches in Diagnostic Imaging Moderators: <i>Sattam Lingawi, MD and Ali Almesned, MD</i>	Session 9 C: Innovative Approaches in Radiation Protection & Radiobiology Moderators: <i>David Lloyd, PhD and Jerrold Bushberg, PhD</i>	CEC4 MRI in Practice Nabeel Mishah, MBA	
Venue	Hall C	Buraidah Hall	Hall A	AlZumurrud	
4:00-4:10 PM	RT PD1 Bone Marrow Sparing-IMRT Approaches Arno Mundt, MD	DIRS PD1 Microbubble Contrast Enhanced Ultrasound: Evaluation of Axillary Lymph Nodes Kadria El Haddad, MD	RRS PD1 Radiation Protection in Health Care – Challenges and Opportunities Maria Pérez, MD	L8: Artefacts 1 John Talbot	
4:10-4:20 PM	RT PD2 Imaging for Stereotactic Radiosurgery and Stereotactic Ablative Body Radiotherapy Mohammed Saiful Huq, PhD	DIRS PD2 Innovations in PET Breast Imaging Techniques Matthew Thakur, MD	RRS PD2 Radiation Protection in Medicine Keith Faulkner, PhD		
4:20-4:30 PM	RT PD3 Partial Breast Irradiation: A New Paradigm Alphonse Taghian, MD	DIRS PD3 MRI Guided HIFU of Breast Tumors: Current Status and Future Ruud Pijnappel, MD	RRS PD3 NCRP Update on Report Activity with Emphasis on Radiation Protection in Medicine Jerrold Bushberg, PhD		
4:30-4:40 PM	RT PD4 Academic and Clinical Education of Medical Physicists Ervin Podgorsak, PhD	DIRS PD4 Structural and Functional MRI at Ultra-High Field Peter Morris, PhD	RRS PD4 Traceability of Measurements in Radiation Protection Dosimetry Ahmed Meghziene, PhD		
4:40-4:50 PM	RT PD5 Radiation-Inducible Molecular Targets - Using Radiation as a Drug Norman Coleman, MD	DIRS PD5 Innovative Approaches in Radioembolization Riad Salem, MD	RRS PD5 Latest Advances in Luminescent Materials and Radiation Instrumentation Mark Akselrod, PhD		
4:50-5:00 PM	RT PD6 Protons & carbons - myths & realities Pedro Andreo, PhD	DIRS PD6 Advanced Imaging of the Brain for Assessing Anti-Angiogenic Agents Bradley Erickson, MD, PhD	RRS PD6 New OSL Dosimeter for Radioprotection of Personnel Marc Million, PhD		
5:00-5:10 PM	RT PD7 Head and Neck Radiotherapy in the era of HPV, hypoxia markers and other non-anatomic prognostic and predictive factors Brian O'Sullivan, MD	DIRS PD7 Innovative Approaches in Internal Radiation Dosimetry Glenn Flux, PhD	RRS PD7 Biodosimetry for Radiation Events David Lloyd, PhD		
5:10-5:20 PM	RT PD8 Warburg Effect – Quo Vadis PET/CT? Slobodan Devic, PhD	DIRS PD8 Innovative Approaches Towards Low Dose CT for Pediatrics and Adults Mannudeep Kalra, MD	RRS PD8		
5:20-5:50 PM	Discussions All Panelists	Discussions All Panelists	Discussions All Panelists		
7:30 PM	Gala Dinner				
8:00-10:00 PM	Gala Dinner and Evening Presentation Sponsored by <i>Al-Faisaliah Medical Systems</i> Venue: <i>Intercontinental Hotel</i>				