

Tuesday, 18 February 2014

TIME	On-Site Registration Venue: Intercontinental Hotel											
8:00-9:30 AM	Session 10: Continuing Education Courses (Part VI)											
Course No	CEC 1	CEC 2	CEC 3	CEC 4	CEC 5	CEC 6	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 Moftah, PhD	Ghazi Alsbeih, MD, PhD	Peter Hall, MD, PhD
Chairpersons	Abdelhamid Saoudi, PhD	Jamal Elhusaini, MD, Abdourahman Al Hadab, MD	Maha Al Edrisi, MD, Abdullah Alsuhaibani, MD	John Talbot, MSc; Cathy Westbrook, MSc	Laila Ashkar, MD and Maha AlFehaily, MD	Amr Ajlan, MD; Khalid Khashoggi, MD	Hossam El-Zeftawi, MD; Hani Al-Sergani, MD	Lina Hammad, PhD	Moneif Eid	Musaed AlMalki, PhD	Khaled Al-Hadyan, MSc	Peter Hall, MD, PhD; Hilary Russell, PhD
CEC Lecture 8:10-8:30 AM	L17: IMRT – an overview Mohammed Saiful Huq	L5: Breast Boosts Techniques Yassir Bahadur	L5: Patient Selection Criteria for IOERT Benjamin Calvo		L4: DCIS Imaging Update Ruud Pijnappel	L5 CT and MRI of the Aorta Michael Bolen	L5: Cardiac SPECT: Myocardial Perfusion and Viability Ahmed Fathala	L4: Overview of Image Fusion/ Processing Technology and Current Practices Omer Demirkaya	L5: Clinical Image Sharing Technologies for Medical Imaging Enterprises Bradley Erickson	L19: Education and Training Requirements Sitti Ariffin	L5: Variation of Radiosensitivity Between Individuals Ghazi Alsbeih	L5: Getting it Right First Time: Instruction to Authors and Getting it Right First Time: Titles and Abstracts Peter Hall
CEC Lecture 8:30-8:50 AM	L18: Tutorial on Implementation of Image Guided Radio Therapy Nada Tomic	L6: Improving Breast Radiotherapy: from Imaging to Delivery Dimitre Hristov	L6: The Principles of H&N Cancer Management in The Era of IMRT and IGRT Brian O'Sullivan		L5: Mammogram and Ultrasound-Update on The Upcoming Version of The BIRADS Lexicon Elizabeth Sutton	L6: Esophageal Trauma Francis Scholz	L6: Cardiac PET: Myocardial Perfusion and Viability Mouaz Al-Mallah	L5: A Panoramic Overview of OB/GYN and Emergency Ultrasound Saleh AbdulAly	L6: E-Learning Management System in Imaging Department Metab Alkubeyyer		L20: Health Physics William Parker	L6: Patient Dose and Deleterious Effects Ibraheem Al-Anazi
CEC Lecture 8:50-9:10 AM	L19-20 Tutorial on Small Field Dosimetry Pedro Andreo	L7: The Use of Proton Beam in The Treatment of Breast Cancer Alphonse Taghian	L7: RapiArc and RapidPlan Martin Sabel		L7: CT Guided Biopsy and Ablation in the Chest Michael Bolen	L7: Cardiac CT: Combined Assessment of Coronary Artery and Perfusion Mirvat Alasnag	L6: Professional Motivational Session Saleh Alalaiyan	L7: Vendor Neutral Achieve Nabeel Mishah	L7: Making the Most of DICOM – Keys to improved workflow Harry Solomon	L21: Radiation Biology Ghazi Alsbeih		L7: VOMIT: Victim of Medical Imaging Technology Nigel Pashely
CEC Lecture 9:10-9:30 AM		L8: Radiation Associated Second Breast Cancer Yasser Khafaga	L8: Advances in Cranial-Spinal Radiation Therapy William Parker		L6: Mammographic Presentation of High Risk Lesions Ruud Pijnappel	L8: QA in Mammography Keith Faulkner	L8: Cardiac MRI: Assessment of Myocardial Perfusion and Viability Scott Flamm	L7: Image Critique Habis Alhalaika			L8: OSL Detectors for Radiation Dosimetry Mark Akselrod	L8: Getting it Right First Time: Other Things Journals Ask for and the Problem of The Cover Letter Metadata Peter Hall
9:30-9:45 AM	Coffee Break											

Session 11: Plenary Keynote Lectures II					
Venue: Buraidah Hall					
Chairpersons: Ather Radwi, MD and Abdulaziz Al-Sugair, MD					
9:45 AM -12:15 PM					
9:45-10:15 AM	PKN Lecture 4 Advances in Cardiac Imaging, CT and MRI Scott Flamm, MD				
10:15-10:45 AM	PKN Lecture 5 Structural and Functional MRI at Ultra-High Field Peter Morris, PhD				
10:45-11:15 AM	PKN Lecture 6 Molecular Breast Imaging: PET/CT, BSGI and PEM Elizabeth Sutton, MD				
11:15 AM-11:45 PM	PKN Lecture 7 Radioembolization for HCC: State of the Science Riad Salem, MD				
11:45-12:15 PM	PKN Lecture 8 Radioimmunotherapy in the Scenario of Follicular Lymphoma Treatment Pier Zinzani, MD				
12:15-1:15 PM	Prayer and Lunch Break				
Session 12: Parallel Tracks II					
1:15-3:30 PM	Session 12 A: Radiation Oncology Track Chairpersons: Mohamed Zaghoul, MD and Mohamed Bayoumy, MD	Session 12 B: Diagnostic Imaging Track Chairpersons: Nizar Nakshabandi, MD and Mohammed Abubacker, MD	Session 12 C: Radiation Protection & Radiobiology Track Chairpersons: Ghazi Alsbeih, MD, PhD and Mark Akselrod, PhD	Session 12 D: Nuclear Medicine Track Chairpersons: Hamad Al-Suhaibani, MD and Abdulaouf Maimani, MD	CEC4 MRI in Practice Chairpersons: John Talbot, MSc and Cathy Westbrook, MSc
Venue	Hall C	Buraidah Hall	Hall A	AlHareeq	AlZumurrud
1:15-1:40 PM	RO Lecture 6 Medulloblastoma and Ependymoma: Evolution in Radiotherapy Part I Thomas Merchant, MD	DI Lecture 6 Imaging of Postoperative Breast Elizabeth Sutton, MD	RRPO Lecture 6 Stochastic Biological Effects of Low Dose Radiation Exposure: An Overview Cancer and Noncancer Risks Jerrold Bushberg, PhD	NM Lecture 1 Radioembolization for Colorectal and Other Liver Metastases Riad Salem, MD	L10: k-Space 1 Cathy Westbrook
1:40-2:05 PM	RO Lecture 7 Medulloblastoma and Ependymoma: Evolution in Radiotherapy Part II Thomas Merchant, MD	DI Lecture 7 Genetic Approach to PET imaging of Breast Cancer: Why Do We Need This Approach? Matthew Thakur, MD	RRPO Lecture 7 Responding to a Radiological or Nuclear Terrorism Incident: A Guide for Decision Makers (NCRP Report No. 165) Jerrold Bushberg, PhD	NM Lecture 2 Personalized Dosimetry and Tumoral Dose Intensification with TheraSphere in Hepatocellular carcinoma: A New Personalized Promising Concept Etienne Garin, MD	
2:05-2:30 PM	RO Lecture 8 Minimizing Short- and Long-term Complications of Radiation Therapy for Soft Tissue Sarcoma" Brian O'Sullivan, MD	DI Lecture 8 Acute Mesenteric Ischemia Francis Scholz, MD	RRPO Lecture 8 Biological Dosimetry: Two Cases Study David Lloyd, PhD	NM Lecture 3 TheraSphere in Other than HCC Indications; Renn-es Experience in Cholangiocarcinoma, Contralateral Hypertrophy Etienne Garin, MD	
2:30-2:55 PM	RO Lecture 9 Consistency in Radiotherapy Dosimetry: Current Issues with Reference Quality Pedro Andreo, PhD	DI Lecture 9 MRI in the Management of Patients with Cardiomyopathy Scott Flamm, MD	RRPO Lecture 9 Fundamentals of Luminescent Materials and Instrumentation for Medical Physics and Dosimetry Mark Akselrod, PhD	NM Lecture 4 Lu-177/ Y-90 DotaTate/Toc Therapy in NET Giovanna Pepe, MD	
2:55-3:20 PM	RO Lecture 10 IAEA Support for Compressive Audits in Radiation Medicine Ahmed Meghzifene, PhD	DI Lecture 10 Dual Energy CT: Approaches and Applications Mannudeep Kalra, MD	RRPO Lecture 10 Quality Assurance and Patient Safety in a Modern Radiation Oncology Department William Parker, MSc	NM Lecture 5 PET-CT in Lymphoma Salahudin El Naas, MD	
				NM Lecture 6 The Role of Radioimmunotherapy in Other B-cell Lymphomas Pier Zinzani, MD	
				Discussion	

3:20-3:30 PM	Discussion	Discussion	Discussion				
3:30-4:00 PM	Asr Prayer and Coffee Break						
Session 13: Parallel Sessions							
4:00-5:50 PM	Session 13 A: Who's Who at ICRM 2014 Chairpersons: <i>Sultan AlSedairy, PhD and Khalid AlOthman, MD</i>	Session 13 B: Radiation Oncology Abstracts Chairpersons: <i>Medhat ElSebaie, MD and Ibrahim Al-Omary, MD</i>	Session 13 C: Medical Physics Abstracts Chairpersons: <i>Ahmad Nobah, MSc and Sami Alshaikh, PhD</i>	Session 13 D: Diagnostic Imaging Abstracts Chairpersons: <i>Khalid Salman, MD and Ali Y. Zailai, PhD</i>	Session 13 E: Radiation Protection & Radiobiology Abstracts Chairpersons: <i>Ghazi Alsbeih, MD, PhD and Khaled Al-Hadyan, MSc</i>	Session 13 F: Technologist Track Chairpersons: <i>Essam Mattar, PhD.</i>	CEC4 MRI in Practice Chairpersons: <i>John Talbot, MSc and Cathy Westbrook, MSc</i>
Venue	Buraidah Hall	Hall C	AlHareeq	AlYaqoot	Hall A	Oasis	AlZumurrud
4:00-4:10 PM	- King Faisal Specialist Hospital and Research Centre (KFSH&RC): Prof. Dr. Rashed Al-Rashed Al-Hmaid - King Abdullah City for Atomic and Renewable Energy (KACARE): Dr. Mohammed Garwan	RO Abstract 1 The Effect Of Radiotherapy Timing On Loco-regional Recurrence Among Advanced Breast Cancer Patients: A Single Institution Experience <i>G. Al-jawi, W. Basfar, A. Baothman, I. Al- Omary, Y. Bahadur, B Al-Saywid</i>	ROP Abstract 1 Radiochromic Film Dosimetry of Image Guidance Systems in Radiotherapy <i>S. Aldelajian, A. Nobah, S. Devic, N. Tomic, J. Seuntjens, M. Al Shabanah, B. Mofteh</i>	DI Abstract 1 Evaluation of Diffusion Weighted Imaging Techniques for Radiotherapy of Prostate Cancer <i>T. Alharthi, G. Liney, L. Holloway, E. Juresic, L. Cassapi, M. Sidhom, P. Gibbs, D. Manton</i>	RBS Abstract 1 Investigation of Suitable Radiopharmaceutical Production Facility for Different Centers at Different Region of Saudi Arabia <i>S. Miliebari, D. Alothmany</i>	TC Abstract 1 Multimodality Imaging of structure and Function (PET/CT & SPECT/CT) in Eastern Province <i>A. Al-gallaf</i>	L11: k-Space 2 Cathy Westbrook
4:10-4:20 PM	- Saudi Food and Drug Authority (SFDA): Dr. Saleh Al Tayyar	RO Abstract 2 Accelerated Partial Breast Irradiation Dosimetric Study Using 3DCRT and IMRT <i>S. Moorthy, K Jayesh, H. Sakr, S. Mohammed, S. Janahi, J. Sameul, N. Pillai, N. Mohammed, H. Malik, A. Othoob</i>	ROP Abstract 2 Quantification of Dwell Position Inaccuracy and Dose Heterogeneity in 60° Varian Ring & Tandem Applicator using OSL-Nano Dots <i>A. Jangda, S. Ahmed, L. Rehman, M. Naqvi, N. Ali</i>	DI Abstract 2 Characterization of Carotid Plaque Neovascularization <i>W. Abutaleb, J. Gillard</i>	RBS Abstract 2 Clostridium Cluster XIVa Species is an Early Biomarker in Radiation Injury <i>R. Papineni, I. Ahmed, W. McLaughlin, S. Umar</i>	TC Abstract 2 Identifying Competencies for Saudi Medical Imaging Technologist Based on Professional Consensus <i>A. Al Hoti</i>	
4:20-4:30 PM	- Ministry of Health (MOH): Dr. Ali Almesned - World Health Organization (WHO): Dr. Maria del Rosario Perez	RO Abstract 3 Target Equivalent Uniform Dose as a Quality Indicator for Head-and-Neck IMRT Treatment Plans <i>C. Constantinescu, R. Al-Wassia, A. Al-Hebshi, Y. Bahadur</i>	ROP Abstract 3 Delineations of Tumor target Volume on PET/CT images using Active Contour Models <i>I. Al-Saihati, K. Wells, D. Sassi</i>	DI Abstract 3 Evaluation of Patient Doses During CT Angiography <i>H. Omer, A. Sulieman, K. Alzimami, A. Elnour, E. Babikir</i>	RBS Abstract 3 TL Dosimetric Properties of Gamma Irradiated Barium Oxyfluoroborate Glass System <i>H. Donya</i>	TC Abstract 3 MRI of Prostate Cancer: Multi Exponential T2 Relaxation in the Prostate <i>W. Alharbi</i>	
4:30-4:40 PM	- International Atomic Energy Agency (IAEA): Prof. Daud Mohamad	RO Abstract 4 PET and MR Based Selective Dose Escalation With Simultaneous Integrated Boost (SIB) Using Image Guided Intensity Modulated Radiotherapy in Rectum Cancer <i>R. Mahmood, A. AlSuhaibani, M. ElSebaie, N. AlSanea, B. Mofteh, M. Mohiuddin</i>	ROP Abstract 4 The Impact of Scatter on CBCT Image Quality and Point Dose Measurements <i>N. Mail, A. Fahad, R. Khan, A. Saoudi, M. Yusuf, H. Natto, F. Nadwi, N. Alothmony, D. Alothmony, N. Molla, S. Natto, A. Kinsara</i>	DI Abstract 4 Thyrotoxicosis: Fifteen Years' Experience of Radioactive Iodine Therapy in Thyrotoxic Patients <i>S. Munayer</i>	RBS Abstract 4 Occupational Radiation Exposure During Interventional Cardiology Procedures <i>A. Sulieman, K. Alzimami, E. Babikir, H. Omer</i>	TC Abstract 4 Neonatal Sacral Dimples: MRI or US? Which Way to Go? <i>K. Alshaye</i>	
4:40-4:50 PM	- National Cancer Institute (NCI): Prof. Norman Coleman - International Organization	RO Abstract 5 Bone Marrow Sparing Image Guided Intensity Modulated Radiotherapy with Simultaneous Integrated Boost (SIB) in Locally Advanced Cervix Cancer <i>M. Hegazy, R. Mahmood, I. Al-Badawi, H. Al-Husaini, C. Higby, B. Mofteh</i>	ROP Abstract 5 Characterization of GAFCHROMIC EBT3 Film as a Radiation Dosimeter for Photon and Electron Beams <i>M. Alasmay, N. Maalej, W. Abdel Rahman</i>	DI Abstract 5 Improving In-Target Production of [13N]-Ammonia using High Energy Proton Beam <i>N. Surendra, F. Al Rumayan, A. Al Gaith, M. Ahmed, M. Al Qahtani</i>	RBS Abstract 5 Software for the Registration of Radioactive Materials and Management of Radioactive Waste <i>M. Ahmed</i>	TC Abstract 5 A Study on Optimum Patient Position for Sonographic Examination of the Kidneys <i>L. Hammad</i>	

4:50-5:00 PM	of Medical Physics (IOMP): Dr. Tomas Kron - American Association of Physicist in Medicine (AAPM): Prof. Mohammed Saiful Huq	RO Abstract 6 A Comparative Study of Volumetric Intensity Modulated Arc Therapy Versus Conventional IMRT in Head and Neck Cancer Patients <u>M. Daoud</u> , M. Alidrisi, A. Shehata, S. Abdelkhalek	ROP Abstract 6 Feasibility Testing Intra-Operative Radiation Therapy Using Low Energy Protons B. Mofteh, F. Alrumayan, S. Aldelaijan, M. Shehadeh, F. al-Zorkany, J. Seuntjens, M. Al Shabanah, S. Devic	DI Abstract 6 Pediatric Cardiac CT: Is Dose Justified? <u>M. Bukhari</u> , Z. Abubaker	RBS Abstract 6 Radiation Optimization Issues in Diagnostic Radiology Practice: A Saudi Arabia Case Study <u>L. Abdullah</u> , J. Al-Mokhlef	TC Abstract 6 Interventional Radiology and ESRD- HD Patients: Skills Vs. Technology <u>I. Aljediea</u>	
5:00-5:10 PM	- Canadian Organization of Medical Physics (COMP)/Canadian College of Physicist in Medicine (CCPM): Prof. Ervin Podgorsak	RO Abstract 7 The Comparison Between Two Different Head Rests Used for the Treatment of Head and Neck Cancer in Tomotherapy <u>H. Al Asfor</u> , A. Al Somali, A. Willis, N. Al Rajhi	ROP Abstract 7 Implementation of TG-100 for the Gamma Knife service at PSMCC <u>M. Adili</u> , S. Hassan	DI Abstract 7 Estimation of Patient and Staff Radiation Doses During Ascending and Descending Urethrography H. Gabir, <u>H. Omer</u> , A. Sulaiman	RBS Abstract 7 A Reality Check up on Medical Response Team's Preparedness in Facing Radiation Emergency in Malaysia <u>S. Salleh</u> , N. Yusof, A. Idrose		
5:10-5:20 PM	- Radiological Society of Saudi Arabia (RSSA): Dr. Ather Radwi	RO Abstract 8 RapidArc Technique Versus 3DCRT in Regards to Organs Preservation <u>A. Alhamad</u> , A. Alzahrani, M. Adili, M. Kandil, M. Aboziada	ROP Abstract 8 Implantable in Vivo Dosimetry Using Gallium Nitride Detector in Radiotherapy <u>A. Chaikh</u> , J. Balosso, J-Y Giraud, P. Pittet	DI Abstract 8 High Pitch Helical Dual Source CT Pulmonary Angiography: Comparing Free Breathing vs. Breath-Holding Techniques <u>D. Jadkarim</u> , S. Ben Zager, I. Jamjom, A. Ajlan	RBS Abstract 8 Assessment of Occupational Radiation Dose in KFSHRC from 2005 to 2012 B. Mofteh, F. Mahyoub, I. Algain, M. Ezzat, T. Salim, <u>M. Ahmed</u>		
5:20-5:30 PM	- Saudi Society of Medical Radiologic Technology (SSMRT): Dr. Essam Mattar	RO Abstract 9 Volumetric-Modulated Arc Therapy (V-MAT) Versus 3D Conformal Involved-Field Mediastinal Radiation Therapy for Hodgkins Disease; A Dosimetric Comparison C. Higby, <u>Y. Khafaga</u>	ROP Abstract 9 Characterization of Two Newly Developed Polymer Gels for Radiotherapy Verification <u>A. Almousa</u> , K. Rabaeh, A. Basfar, A. Al Kafi, B. Mofteh	DI Abstract 9 Monte Carlo Modeling of a Mammography X-ray Machine <u>A. Ayaz</u> , N. Maalej	RBS Abstract 9 Establishing Biological Dosimetry Laboratory for the Assessment of Radiation Overexposure in Cases of Radiological Accidents in Saudi Arabia <u>G. Alsbeih</u> , K. Al-Hadyan, S. Elwisy, N. Venturina, M. El-Sebaie, M. Shoukri, B. Mofteh		L12: Revision John Talbot
5:30-5:40 PM	- Saudi Oncology Society (SOS): Dr. Essam Murshid - Saudi Medical Physics Society (SMPS): Dr Saleh Bamajboor	RO Abstract 10 External Beam Radiotherapy Versus Image-Guided High Dose Rate Endorectal Brachytherapy in the Management of Rectal Cancer: A Retrospective Study <u>A. Alsuhaibani</u> , T. Niazi, S. Devic, G. Stroian, R. Hashem, T. Vuong	ROP Abstract 10 Verification of the Craniospinal Radiotherapy in the Supine Position <u>M. Abdulraheem</u> , H. Kanaan, I. Jaradat, A. Ibrahim, R. Abu-Hijlij, A. Almousa	DI Abstract 10 Optimization of Radiation Dose and Image Quality in Projection Radiography <u>E. Babikir</u> , K. Alzimami, A. Sulieman	RBS Abstract 10 The Effect of Extremely Low Frequency Magnetic Fields on Rats Brain <u>O. Abdalla</u> , A. Ahmed, A. Mustafa, A. Eldouma		
5:40-5:50 PM		RO Abstract 11 Volumetric Arc Therapy (VMAT) is Superior to 3D Conformal Radiotherapy (CRT) for Locally Advanced Cervix Cancer - A Dosimetric Comparison <u>C. Higby</u> , B. Mofteh, R. Mahmood, A Nobah, G. Nazer, O. Hassad	ROP Abstract 11 The Influence of a Modeled Treatment Couch on Dose Distributions in IMRT and RapidArc for High-Energy Photon Beams <u>G. Aldosary</u> , A. Nobah, F. Al-Zorkani, S. Devic, B. Mofteh	DI Abstract 11 Enhancement of Ultrasound Images Using Filtering Techniques <u>N. Elmakkj</u> , Y. Abdallah			