

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



Message from the Organizing Committee

Dear Colleagues,

It is our great pleasure to invite you to attend the '2015 Radiation in Medicine Symposium and Workshops' to be held at the King Faisal Specialist Hospital and Research Centre (KFSH&RC) in Riyadh, Saudi Arabia, from 24 to 26 February 2015. We are delighted to be able to present you this scientific event which is organized on the very foundation of bringing together experts to offer a series of diverse continuing education courses in various fields of radiation in medicine. The event will constitute four courses and workshops in the areas of Advanced Body MRI for Radiologists; MRI: Basics and Applications in Radiotherapy and Diagnostic Imaging; Internal Dosimetry and Radionuclide Therapy; and Radiation Protection and Radiobiology that are designed for radiologists, radiation oncologists, nuclear medicine physicians, medical physicists, health physicists, clinical scientists, radiation biologists, radiological technologists, and radiation therapists.

With this rapidly changing world where technology is continuously advancing, there is always more we can do as well as new breakthroughs to learn about. The KFSH&RC continues to play an important leadership role in promoting education and dissemination of knowledge which bring about advanced health care not only in the Kingdom but also for its neighboring countries.

This gathering will include scientific exhibits by select companies with their state-of-the-art products that have found clinical applications in the delivery of quality patient care.

We would like to take this opportunity to thank everyone, who contributed in one way or another to the organization of this scientific event, for the unwavering support of advancing knowledge about better implementation of safe, modern and quality healthcare.

We welcome you to KFSH&RC and wish everyone a fruitful and enjoyable participation in this event.

With best regards.

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ABOUT

The '2015 Radiation in Medicine Symposium and Workshops' is organized by King Faisal Specialist Hospital & Research Centre in collaboration with leading national organizations.

Its goal is to bring together renowned clinicians, scientists and other health professionals to share and discuss the latest advancements and future innovative approaches in the field of radiation in medicine.

The main themes of the symposium are:

- Advanced Body MRI for Radiologists
- MRI: Basics and Applications in Radiotherapy and Diagnostic Imaging
- Internal Dosimetry and Radionuclide Therapy
- Radiation Protection and Radiobiology

Under the four main tracks, the symposium offers didactic lectures followed by the workshops in which the latest clinical approaches will be discussed and demonstrated to give the audience hands-on experience as well.

The Organizing Committee encourages all interested people to avail of this unique continuing education opportunity.

OBJECTIVES

The objectives of the three-day meeting are to provide a medium to share, discuss and disseminate innovative approaches, techniques, applications and best clinical practices and to educate healthcare professionals about the state-of-the-art technology pertaining to the use of radiation in medicine.

CONTACT INFORMATION

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WHO SHOULD ATTEND

Scientists	Radiation Therapists
Dosimetrists	Radiobiologists
Engineers	Radiochemists
Students	Radiologists
Radiation Oncologists	Nuclear Medicine Physicians
Medical/Health Physicists	Medical Technologists
Physicians	Vendor Representatives
Research Technologists	Radiological Technologists

REGISTRATION

To register for the symposium, please complete the Online Registration Form (<http://www.radmed.org/registration2015.php>). (Early registration fee is SR 800 if registration form is received on or before 10 February 2015. Late registration fee is SR 1000 if received any time after 10 February 2015. Late/on-site registration fees are to be paid on-site on 24 February 2015 during the course registration period between 7:00 and 8:00 AM. Late workshop registration will only be possible if seating is available (the number of attendees is limited for each workshop). Payments can be made in cash or certified cheque payable to "KFSH&RC Research Grant Fund" or bank transfer to:

Bank Name: Al Rajhi Bank
Bank Address: P.O. Box: 28, Riyadh 11411, Head Office, Kingdom Of Saudi Arabia
Branch Name: King Faisal Specialist Hospital
Branch Number: 11400
Account Number: 11460801010200-5
Account Name: Grant Fund Account
Swift Code: RJHISARI
IBAN: A2880000114608010102005

Interested attendees are urged to early register so that conference seating is guaranteed and workshop participation is ensured. Students can register with 50% discount.

Registration fees are nonrefundable.

CME CREDIT APPLICATIONS

A total of seventeen (17) CME credit hours have been granted by the Saudi Commission for Health Specialties (SCHS). Credit hour submission has also been made to the American Academy of Continuing Medical Education (AACME) and the total CME accreditation will be announced during the meeting.

CERTIFICATE OF ATTENDANCE

Certificate of attendance will be send by email in electronic format to the attendees after they complete the online conference survey form provided on the conference website (<http://www.radmed.org/registration2015.php>).

VENUE

Symposium will be held in the Postgraduate Center on the third floor in the main hospital. Please refer to the maps given on pages 29 and 32. Attendees can park their cars in the parking area reserved for this symposium. See the map on page 29.

SMOKING POLICY

The King Faisal Specialist Hospital & Research Centre recognizes the negative implications of smoking. Therefore, our policy is "No Smoking" in the auditorium, exhibition and registration areas, dining hall and restrooms.

HOSPITAL LIMOUSINE

A hospital limousine service is available from Anfal limousine at the hospital telephone extension 35555 or at 011-810-6830 or 011-810-6807 for reasonable rates.

MOBILE PHONE POLICY

Mobile phones and pagers must be turned off or set on silent/vibrate mode during the meeting sessions.

ORGANIZING COMMITTEE

CHAIRMAN

Belal Mofteh, PhD, FCCPM
Chairman, Biomedical Physics Department
King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia
Adjunct Professor, McGill University, Montreal, Canada

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SCIENTIFIC COMMITTEES

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CHAIR

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MRI: BASICS AND APPLICATIONS IN RADIOTHERAPY AND DIAGNOSTIC IMAGING

CHAIR

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INTERNAL DOSIMETRY AND RADIONUCLIDE THERAPY

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Scientific and Medical Equipment

LOCAL SPEAKERS



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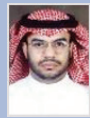
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	Hamad Alsuhaibani, MD Consultant, Interventional Radiology Radiology Department, KFSH&RC, Riyadh, KSA		Mahmoud Tuli, MD Consultant & Head, Nuclear Medicine Radiology Department, KFSH&RC, Riyadh, KSA
	Shada Wadi Alramahi, PhD, DABR Chief Medical Physicist, Biomedical Physics Department KFSH&RC, Riyadh, KSA		Ali Alzahrani, MD Consultant, Endocrinology, Medicine KFSH&RC, Riyadh, KSA

INTERNATIONAL SPEAKERS



JAMES BALTER, PhD, FAAPM

Dr. James Balter is a Medical Physicist in the Radiation Oncology Department at the University of Michigan. His research focuses on the interface of imaging sciences and advanced therapeutics. His primary interests are advancing precise Image-Guided Radiotherapy (IGRT); developing and improving dynamic human models; studying the complexity of therapeutic decisions and the sparsity of information sufficient to justify decisions throughout the radiotherapy process; projection-to-volume modeling of pose, configuration, and movement; and MRI-guided radiotherapy



MANUEL BARDIÈS, PhD

Dr. Manuel Bardiès obtained his Doctorate on radiopharmaceutical dosimetry (with distinction) from Paul Sabatier University (Toulouse III) in November 15, 1991. He has been developing his research in radiopharmaceutical dosimetry within INSERM since 1991, in Nantes then in Toulouse.

Master training: about 30 Master student projects since 1995. Other training (Engineering students): about 20 students since 1996. Several academic or industrial projects have been funded and involved recruiting Post-Doctoral scientists. Manuel Bardiès has authored or participated to more than 60 articles referenced in MedLine.

The team led by Manuel Bardiès in Toulouse is primarily involved in radiopharmaceutical dosimetry, at various scales (cell, tissue, organ). This requires the ability to assess radiopharmaceutical pharmacokinetics in vivo, through quantitative SPECT or PET small-animal imaging. An important part of research activity is related to Monte-Carlo modeling of radiation transport through biologic structures of interest, in order to give account of energy deposition within tumour targets – or conversely critical non-tumour tissues/organs. The objective is to improve molecular radiotherapy by allowing

patient-specific treatments (personalized medicine).



ILYA N GIPP, MD, PhD

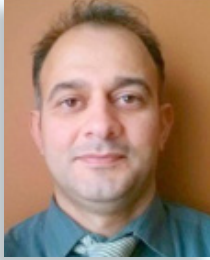
Dr. Ilya Gipp is a radiologist with over 18 years of experience mainly in magnetic resonance imaging, interventional radiology and healthcare informatics.

He graduated from the Russian State Medical University in Moscow in year 2000 and continued in the department of radiology of Gazprom Clinic, soon becoming deputy chief of the largest radiology department in Russia. At the same time, he defended thesis in radiology, obtaining a PhD in 2006.

Since 2005, his main occupation is in Philips Healthcare, first managing business in Russia, then relocated to the Netherlands.

Currently is the head of MR therapy business development worldwide, bringing a new, yet not mainstream MR therapy applications into neurosurgery, gynecology and radiation oncology.

He is an author of over 50 scientific publications in neuroradiology, prostate imaging, interventional radiology, dentistry, MSK and radiology informatics. He participates in multiple scientific and industry conventions, and is widely involved in teaching students, residents and post-graduates in various countries, universities and educational programs.



MOHAMMED ALJALLAD, PHD

Dr. Mohammed Aljallad works as a Medical Physicist and a Radiation Safety Officer at Eglin Military Hospital, Florida. He received his PhD in 2009 in Physics and Master Degree in Radiological Sciences in 2005 from the University of Masochist. He has over twelve years of experience working in clinical and educational settings in both solo and group environment. His research interest includes development of MRI techniques for applications in image-guided-therapy.



JINGFEI MA, PHD, DABR

Dr. Jingfei Ma has worked in the field of MRI for 20 years. He is board-certified by the American Board of Radiology in Diagnostic Radiological Physics and has over ten years of clinical experience as a medical physicist in a major comprehensive cancer hospital in the United States. Dr. Ma's research focus has been in the area of development and implementation of novel MRI techniques (in particular novel MRI pulse sequences and image reconstruction algorithms) and their clinical validation for cancer imaging. Several techniques Dr. Ma developed have been adopted by industry leaders and are in routine use for improved patient imaging by thousands of customers worldwide.



JOSÉ CANGA RODRIGUEZ, MSc

Eng. José Canga Rodríguez, born in Oviedo (Spain) in 1976, studied Chemical Engineering at the universities of Oviedo (Spain) and Magdeburg (Germany). In 2003 he finished an MSc in Environmentally Sustainable Process Technology at the Chalmers University of Technology in Gothenburg (Sweden).

After five years working at Voith Paper in different positions (R&D and commissioning engineer for stock preparation lines in board and paper mills and product manager for anaerobic wastewater treatment) he joined EnviroChemie in 2008 as technical assistant to the CEO. EnviroChemie is a leading company in the field of water and wastewater treatment technology. Since 2011 he is responsible as key account manager providing the pharmaceutical and life sciences industry with a customised portfolio of water and wastewater solutions for industrial and research facilities.

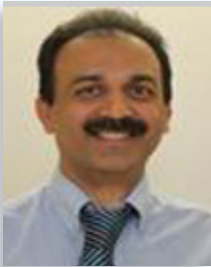


**ASLAM SOHAIB, BSc, MBBS,
MRCP, FRCR**

Dr Aslam Sohaib is a Consultant Radiologist at the Royal Marsden Hospital, London, UK. He gained his medical degree from Guy's Hospital Medical School, London and then obtained his general medical training in Cambridge. He undertook specialist training in Diagnostic Radiology followed a body MRI fellowship at St Bartholomew's and the Royal London Hospitals. He was appointed as a Consultant Radiologist at the Royal Marsden Hospital in 2000. The Royal Marsden Hospital is the national cancer centre for the UK. Dr Sohaib provides diagnostic imaging services for all cancer at the Marsden but is the lead radiologist for genito-urinary cancer imaging.

In addition to providing diagnostic imaging services to the Radiology Department, he is the training program director for specialist registrar undergoing sub-speciality training in oncological imaging. Dr Sohaib also teaches and lectures on many international courses eg UK radiology congress, ESUR and ICIS. As a fellow of the International Cancer Imaging Society (ICIS) he has developed interactive courses on gynaecological imaging.

Dr Sohaib has written widely on a variety of topics related to cancer imaging. He has published over 100 peer reviewed journal papers and contributed to over 25 book chapters. He has been associate editor for American Journal of Roentgenology and Imaging and reviews manuscripts regularly for the major radiology journals. He is actively involved in clinical research with his major research interest being related to the use of CT and MR imaging in patients with genito-urinary malignancies.



RIZWAN SYED, MD

Dr Rizwan Syed graduated from Pakistan and embarked on a long journey to fulfil his ambition to excel in his profession and to deliver safe and high quality of clinical care to the patients. During this course he acquired FRCS, MSc in nuclear medicine and FRCR.

He is dually accredited in Nuclear Medicine and Radiology, which has given him comprehensive background knowledge of various imaging modalities, especially radionuclide therapies, PET CT, CT and MRI. His aim is to pursue a career as a radionuclide consultant with a special interest in oncology. At present he is a PET/CT and PET/MRI lead at Institute of Nuclear Medicine, UCLH.

He believes in professional excellence, lifelong learning and delivering effective high quality service and timely care. He aspires to improve the quality and standard of clinical service and to create an environment of excellence in clinical care, wherever he works.



BACHIR TAOULI, MD

Dr Bachir Taouli graduated in medicine from Université d'Alger (Algeria) and the Medical University of Paris VI (France). He completed Radiology Residency in Paris VI University in 2000. After a research postdoc at UCSF, he completed a clinical Fellowship in Abdominal Imaging at UCSF. He then joined the NYU Body MRI group in 2003. Dr Taouli then moved to Mount Sinai School of Medicine in 2009 to become Director of Body MRI, co-director of Abdominal Imaging and Director of the Body MRI Fellowship. In 2013, Dr Taouli was appointed director of the Cancer Imaging Program at Mount Sinai. Dr Taouli is also the director of the Quantitative Imaging Research Group at Mount Sinai. Dr Taouli's research interests are focused on quantitative MRI methods, including diffusion, perfusion, elastography, and fat/iron quantification methods, applied for diffuse and focal liver diseases, and cancer imaging. He is a full member of the RSNA, ISMRM, ARRS, SAR, ESR, AASLD and ESGAR. He is a reviewer for Radiology, AJR, JMIR and European Radiology, and abstract reviewer for ISMRM, RSNA, AASLD, DDW, ARRS and SAR. He was the Associate editor for Gastrointestinal

imaging for AJR. Dr Taouli was a member of the Annual Meeting Program Committee at the ISMRM and is/was a member of the RSNA Gastrointestinal Radiology Subcommittee, the ARRS Scientific Program Subcommittee (for GI/Liver/Biliary/Pancreas section), and member of the SAR Educational Program Committee. He authored over 100 peer-reviewed manuscripts and 13 book chapters on body MRI.

SESSION MODERATORS

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Advanced Systems Company in few words

Advanced Systems Company (ASCO) is a Saudi medical specialty company, which engages mainly, in medical equipment marketing, medical physics services, medical equipment maintenance and medical equipment purchasing consultations. ASCO was established in early 1998 with its headquarter in Riyadh and a branch in the Western Province.

ASCO is a multi-disciplinary entity, which has onboard a group of medical professionals who possess broad knowledge and long experiences in the fields of medical physics, biomedical engineering, nuclear medicine and health physics.

Through its professional and reliable business deliberations, ASCO has gained trust and interest of many medical professionals and succeeded to build very strong and well-established business relationships with both government and private bodies.

In terms of marketing, ASCO has succeeded in acquiring agencies of several internationally prominent companies in different fields of radiation therapy, diagnostic imaging and medical physics such as PTW, Med-Tec, Huestis, IMS, and others. As a result the company has become reliable and indispensable source for all customers in the country of Saudi Arabia.

Medical equipment maintenance services cover repair and maintenance of multi-vendor diagnostic medical equipment and in this regard ASCO has very well trained service engineers with long experiences who are capable of delivering services very close to the OEM. In addition, ASCO has well-established reliable sources of spare parts for even very old equipment.

SCIENTIFIC PROGRAM

DAY 1, TUESDAY, 24 FEBRUARY 2015

TIME	COURSE I: Advanced Body MRI for Radiologists	COURSE II: MRI: Basics and Applications in Radiotherapy and Diagnostic Imaging	COURSE III: Internal Dosimetry and Radionuclide Therapy	COURSE IV: Radiation Safety & Radiobiology
VENUE	KFSH&RC Post Graduate Auditorium	KFSH&RC Post Graduate Classroom 1	KFSH&RC Post Graduate Classroom 3	KFSH&RC Post Graduate Classroom 4
7:30	REGISTRATION			
8:00-8:30	OPENING CEREMONY			
Moderators	Laila Ashkar & Nouf Abdullah	Waleed Al-Najjar & Rafat Mohtasib	Saleh Othman & Abdulaziz Al-Sugair	Ghazi Alsbeih & Fareed Mahyoub
8:30-10:00	<p>L1: Pelvic MRI: Techniques, Principles and how to Improve Quality –Aslam Sohaib</p> <p>L2: Approach to Adnexal Cystic Lesions -Mohamed Neimataallah</p> <p>L3: Endometrial and Cervical Ca: Updates, Staging and Therapy Response - Aslam Sohaib</p>	<p>L1: MRI Basics –Mohammad Aljallad</p> <p>L2: MRI Instrumentation –Jingfei Ma</p> <p>L3: Principles of MRI Imaging –Abdullah Abujamea</p>	<p>L1: Neuroblastoma Management Strategy -Afshan Ali</p> <p>L2: MIBG Therapy in Neuroblastoma -Rizwan Syed</p> <p>L3: MIBG Therapy Dosimetry - Manuel Bardies</p>	<p>L1: Management Structure of a Radiation Protection Program -Mohammed Alishabanah</p> <p>L2: Introduction to Radiation Protection -Belal Mofteh</p> <p>L3: Responsibilities of Radiation Safety Officers and Workers (RSO) -Abdulrahman Alenfaj</p>
10:00-10:15	Coffee break	Coffee break	Coffee break	Coffee break
Moderators	Mohamed Neimataallah & Shaza Alsharif	Zeinab Hassan & Shade Al-Ramahi	Shanker Raja & Sahar Sebaie	Naser Alaboudi & Talal Salim
10:15-12:15	<p>L4: Benign Pelvic Pathology - Aslam Sohaib</p> <p>L5: MRI of Pelvic Floor -Kadhia EH-Haddad</p> <p>L6: Diffusion MRI in the Pelvis - Aslam Sohaib</p> <p>WORKSHOP I: MRI Guided HIFU for Pelvis & other Oncologic Applications -Philips</p>	<p>L4: MRI Pulse Sequence - Mohammad Aljallad</p> <p>L5: MRI Parameters and Trade-offs - Abdullah Abujamea</p> <p>L6: Basic Principles and Contrast Mechanism - Jingfei Ma</p> <p>Session Q&A -All Speakers</p>	<p>L4: NETs Management Strategy -Ahmed Mohammed</p> <p>L5: NETs Diagnosis -Zubair Khan</p> <p>L6: Radionuclide therapy in NETs -Rizwan Syed</p> <p>L7: Dosimetry in NETs - Manuel Bardies</p>	<p>L4: New Regulation in Radiation Safety and Handling Radioactive Materials -Nasser AlAboudi</p> <p>L5: Biological Effects of Ionizing Radiation -Ghazi Alsbeih</p> <p>L6: Potential Hazards of Non-Ionizing Radiation -Ibrahim Al-Anazi</p> <p>L7: Radiation Safety in Laboratories -Ghazi Alsbeih</p>

12:15-13:30	Lunch break & Prayer	Lunch break & Prayer	Lunch break & Prayer	Lunch break & Prayer
Moderators	Mohammad Badran & Haifa Alharbi	Mohammad Alshabanah & Yasser Khafaja		Ibrahim Al-Anazi & Najla Alharbi
13:30-15:30	L7: MRI of Renal Masses - Aslam Sohalb	L7: Systems/Tool for MR Simulation -James Balter	L7: Systems/Tool for MR Simulation -James Balter	L8: Health Risks from Low Levels of Ionizing Radiation - Ibrahim Al-Anazi
	L8: Characterization of Adrenal Masses -Kadria El-Haddad	L8: Clinical Protocol Consideration/Optimization - Jingfei Ma	L8: Clinical Protocol Consideration/Optimization - Jingfei Ma	L9: Clinical Radiation Biology -Ghazi Alsbeih
	L9: MRI of Prostate - Aslam Sohalb	L9: MRI Simulation: A Single Institution Experience - James Balter	L9: MRI Simulation: A Single Institution Experience - James Balter	L10: Radiation Shielding Design -Shada Wadi Alramahi
	L10: Staging of Urothelial Tumors -Aslam Sohalb	L10: MRI Artifacts - Jingfei Ma	L10: MRI Artifacts - Jingfei Ma	L11: National Biodosimetry Laboratory in Saudi Arabia -Ghazi Alsbeih
15:30-16:00	Coffee break	Coffee break	Coffee break	Coffee break
Moderators	Fida Alaeddin & Helldor Benediktsson	Ahmad Nobah & Ahmad Masawi		Mahmoud Ahmad & Ghazi Alsbeih
16:00-17:25	L11: MR Enterography -Halldor Benediktsson	L11: Safety and Hazard in MRI - Abdullah Abujamea	L11: Safety and Hazard in MRI - Abdullah Abujamea	L12: Radioactive Materials Registration & Waste Management -Mahmoud Ahmed
	L12: MRI of Perianal Fistulas -Mohammad Badran			L13: Optimization of Protection in Mammography -Ibrahim Al-Anazi
	WORKSHOP II: Renal Masses/Urothelial Tumors -Aslam Sohalb	Session Q&A -All Speakers		



DAY 2, WEDNESDAY, 25 FEBRUARY 2015

TIME	COURSE I: Advanced Body MRI for Radiologists	COURSE II: MRI: Basics and Applications in Radiotherapy and Diagnostic Imaging	COURSE III: Internal Dosimetry and Radionuclide Therapy	COURSE IV: Radiation Safety & Radiobiology
VENUE	KFSH&RC Post Graduate Auditorium	KFSH&RC Post Graduate Classroom 1	KFSH&RC Post Graduate Classroom 3	KFSH&RC Post Graduate Classroom 4
Moderators	Samira Alurkistany & Badr Almutairy	Rafat Mohtasib & Shada Al-Ramahi	Henry Fielding & Hosam Elzeftawy	Ibrahim Al-Anazi & Ibrahim Al-Gain
8:30-10:00	L13: Diffuse Liver Disease -Bachir Taouli L14: Benign and Malignant Liver Lesions in Non-Cirrhotic Liver -Abdullah Aldosary	L12: MRI QA (Part I) -Jingfei Ma L13: MRI QA (Part II) -Jingfei Ma	L8: HCC Management Strategy -Hussein Elsiey L9: Microsphere treatment of HCC and Liver Mets -Hamed Alsuhaibani	L14: Patient Doses in Diagnostic Radiology -Ibrahim Al-Anazi L15: Radiation Safety in Radiation Oncology -Waleed Al-Najjar
10:00-10:15	L15: Diffusion Weighted MRI of the Liver - Bachir Taouli L16: Diagnosis of HCC and Cholangiocca, Including OPTN and LIPADS - Bachir Taouli	L14: Radiotherapy-specific MRI Simulator QA -James Balter	L10: Dosimetry in Microsphere Therapy - Manuel Bandies	L16: Personnel Dose Monitoring -Ibrahim Al-Gain
Moderators	Abeer Al Mulla & Mohammad Alzoum	Ameen Al-Omar & Waleed Al-Najjar	Gulam Syed Shah & Sergey Rumyantsev	Akram Al-Moussa & Saad Aldeleijan
10:15-12:15	L17: Iron Quantification -Metab Alkubeyyer L18: Assessment of HCC Response to Therapy -Bachir Taouli WORKSHOP III: Review of Gadolinium Based Contrast Media -Bachir Taouli	L15: Dose Calculation using MRI-derived Patient Models - James Balter L16: Diffusion Imaging -Jingfei Ma L17: New Dimensions in MRI Radiotherapy -Ilya Gipp L18: Future Trend: Magnetic Influenced Radiation Therapy (MIRT) -Shada Wadi Alramahi	L11: Thyroid Tumor Management Update -Ali Zahrani L12: Thyroid Tumor Radionuclide Therapy Update -Mahmoud Tuli L13: Thyroid Tumor Dosimetry -Salem Sassi L14: Practical Aspect of the Preparation of Microspheres -Mohammed Alrowaly	L17: Radiation Safety in Industrial Applications -Akram Al-Moussa L18: Radiation Safety and Risks in Fluoroscopy -Mohammed Ajallad L19: A New Patented Technology for Processing Radioactive Waste Water from Nuclear Medicine - Jose Canga Rodriguez L20: Comprehensive Software Application for Radiation Safety -Mahmoud Ahmed

12:15-13:30	Lunch break & Prayer	Lunch break & Prayer	Lunch break & Prayer	Lunch break & Prayer
Moderators	Abdullah Aldossary & Metab Alkubeyyer	Ahmad Masawi		
13:30-15:30	L19: MRCP: Technique and Applications: Benign and Malignant Disease - Bachir Taouli	WORKSHOP I: Scanning the ACR Phantom for Accreditation and Daily QC - Mohammad Aljallad & Jingfei Ma	WORKSHOP II: Image Evaluation and QC Measurements using ACR MRI Phantom - Mohammad Aljallad & Jingfei Ma	WORKSHOP I: Secondary Standard Dosimetry Laboratory (SSDL) and Calibration of Survey Meters - Omar Noor
	L20: Evaluation of Liver Donor - Bachir Taouli			
	L21: Chronic Pancreatitis - Fida Alaeddin			
	L22: Cystic Pancreatic Lesions - Bachir Taouli			WORKSHOP II: Practical Applications in Radiation Protection Personnel Monitoring - Ibrahim AlGain
	L23: Solid Pancreatic Lesions - Salahudin Elnaas			
15:30-16:00	Coffee break	Coffee break	Coffee break	Coffee break
16:00-17:25	L24: Staging of Rectal Cancer - Bachir Taouli	WORKSHOP III: RF Coil Quality Control Testing - Abdullah Abuamea & Mohammad Aljallad	WORKSHOP IV: I-131 Dosimetry - Salem Sassi	WORKSHOP III: Radioactive Waste - Celestino Lagarde
	WORKSHOP IV: Review of Difficult Liver Cases - Bachir Taouli			

DAY 3, THURSDAY, 26 FEBRUARY 2015

TIME	COURSE I: Advanced Body MRI for Radiologists	COURSE II: MRI: Basics and Applications in Radiotherapy and Diagnostic Imaging	COURSE III: Internal Dosimetry and Radionuclide Therapy	COURSE IV: Radiation Safety & Radiobiology
VENUE	KFSH&RC Post Graduate Auditorium	KFSH&RC Post Graduate Classroom 1	KFSH&RC Post Graduate Classroom 3	KFSH&RC Post Graduate Classroom 4
Moderators	Amna Kashgari	Ahmad Masawi	Mohei Eldin Abouzeid & Muhammed Alzayed	
8:30-10:00	WORKSHOP V: Diagnosis of HCC and Cholangioeca, Including OPTN and LIRADS -Bachir Taouli L25: Solitary Liver Lesions in Paediatrics -Ahmad Alqatir L26: Fetal MRI – Hisham Alshalaan L27: Renal & Supra-Renal Lesions in Children -Faisal Bin Hussain	WORKSHOP IV: Basic Image Quality Measurements and Evaluation - Mohammed Aljallad, Jingfei Ma & Abdullah Abujamea	L15: Prostate Treatment Management Strategy -Ali Jubran L16: PET/CT and PET/MRI in Prostate Cancer -Rizwan Syed L17: Radionuclide therapy in Castration Resistant Prostate Cancer -Ahmad Muhaideb L18: Radiation Protection in Radionuclide Therapy -Salem Sassi	WORKSHOP IV: Practical Applications in Radiation Protection for Radiiodine Therapy -Fareed Mahyoub
10:00-10:15	Coffee break	Coffee break	Coffee break	Coffee break
Moderators	Mohamed Neimattallah	Ahmad Masawi		
10:15-12:15	L28: Mediastinal Masses - Mashaal Alrujaib L29: MRI of Cardiac Tumors -Ahmed Fathala L30: Myocardial Tissue Characterization -Mashaal Alrujaib	WORKSHOP V: Magnetic Field Homogeneity Testing - Abdullah Abujamea & Mohammad Aljallad		WORKSHOP V: Radiobiology and Biodosimetry -Ghazi Alsbeth
12:15-13:30	Coffee break			
13:30-22:30	Al-Thumamah Desert Picnic			

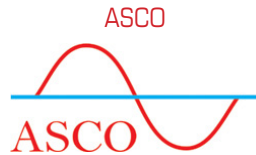
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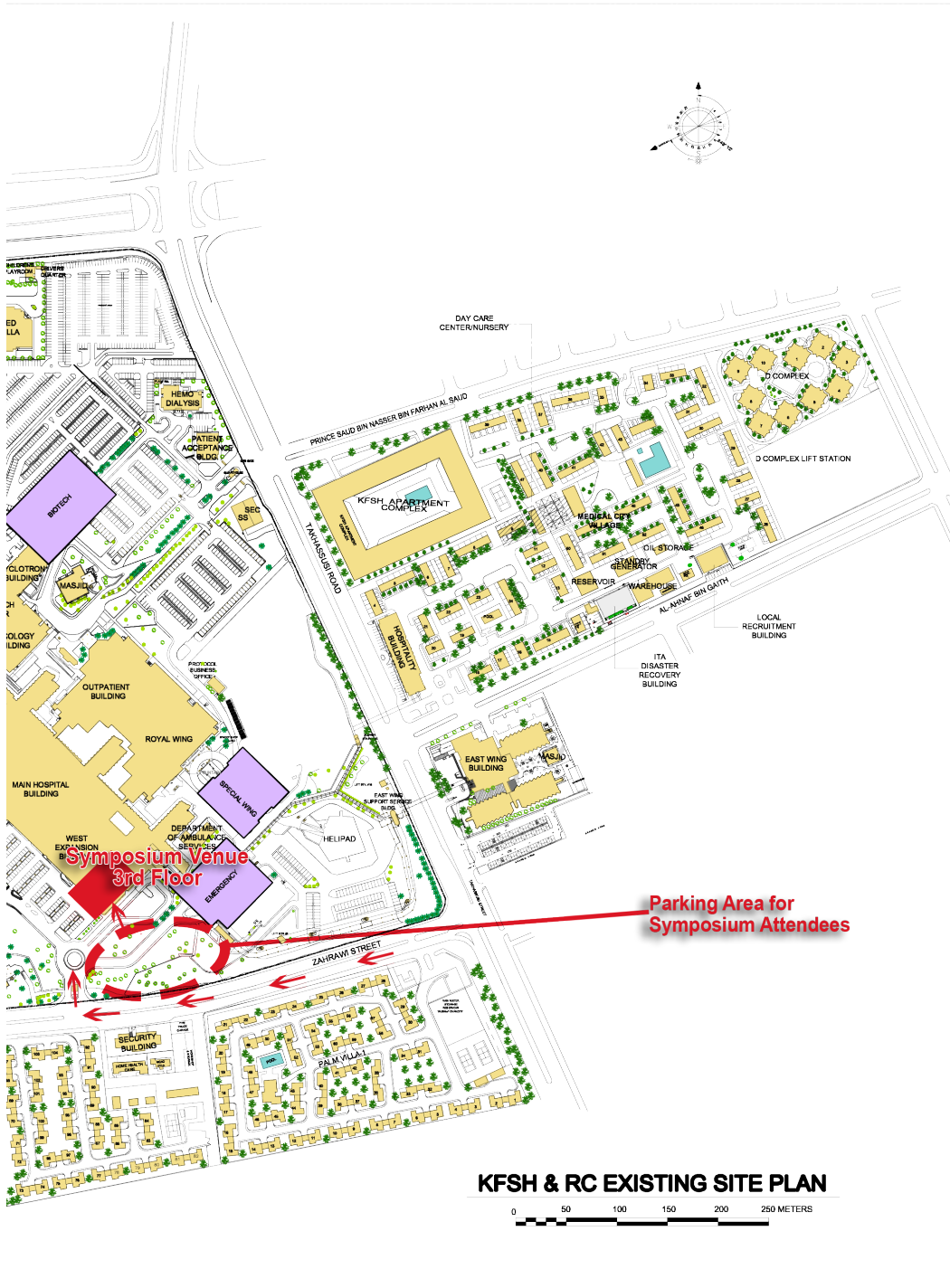
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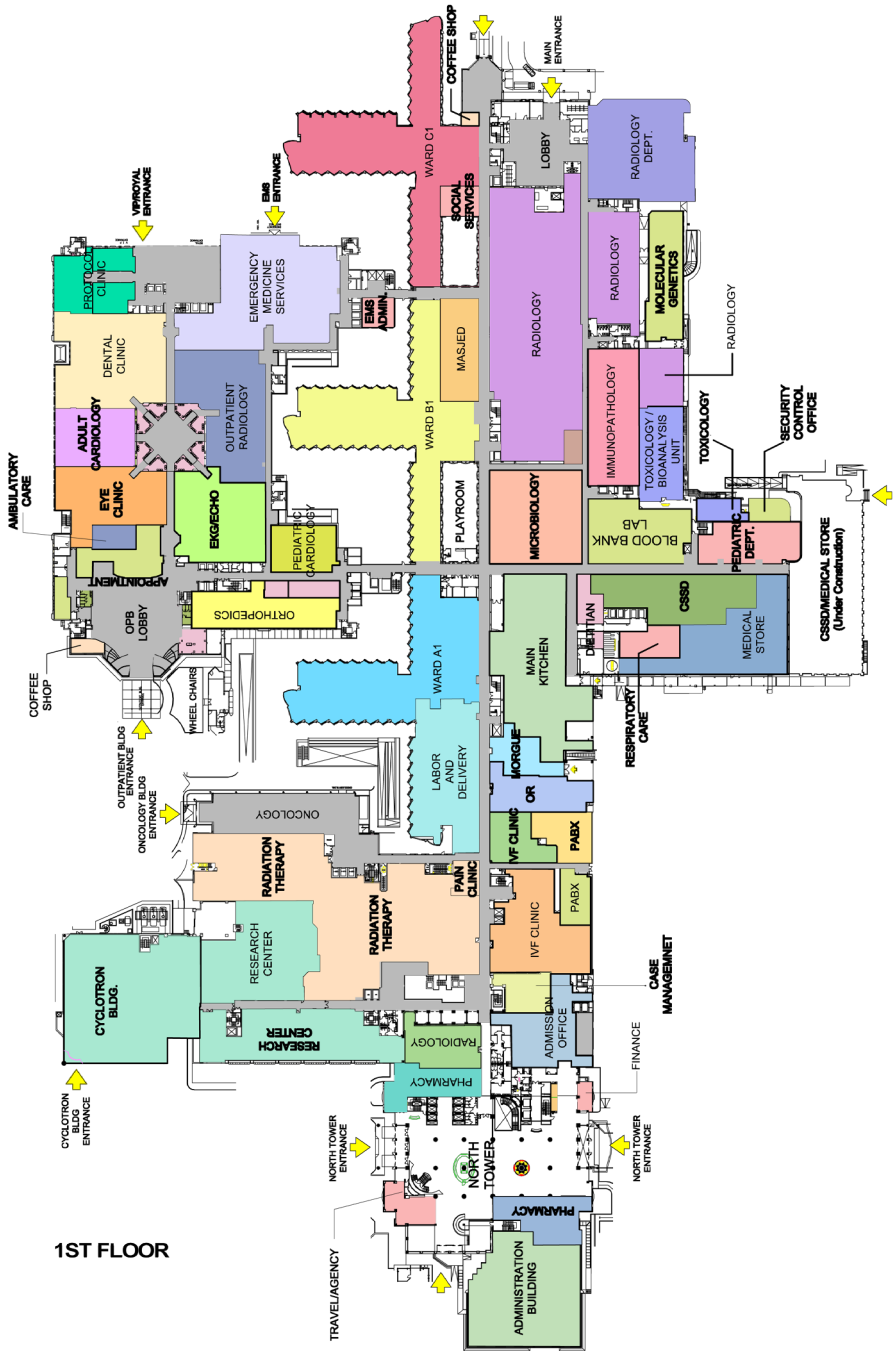


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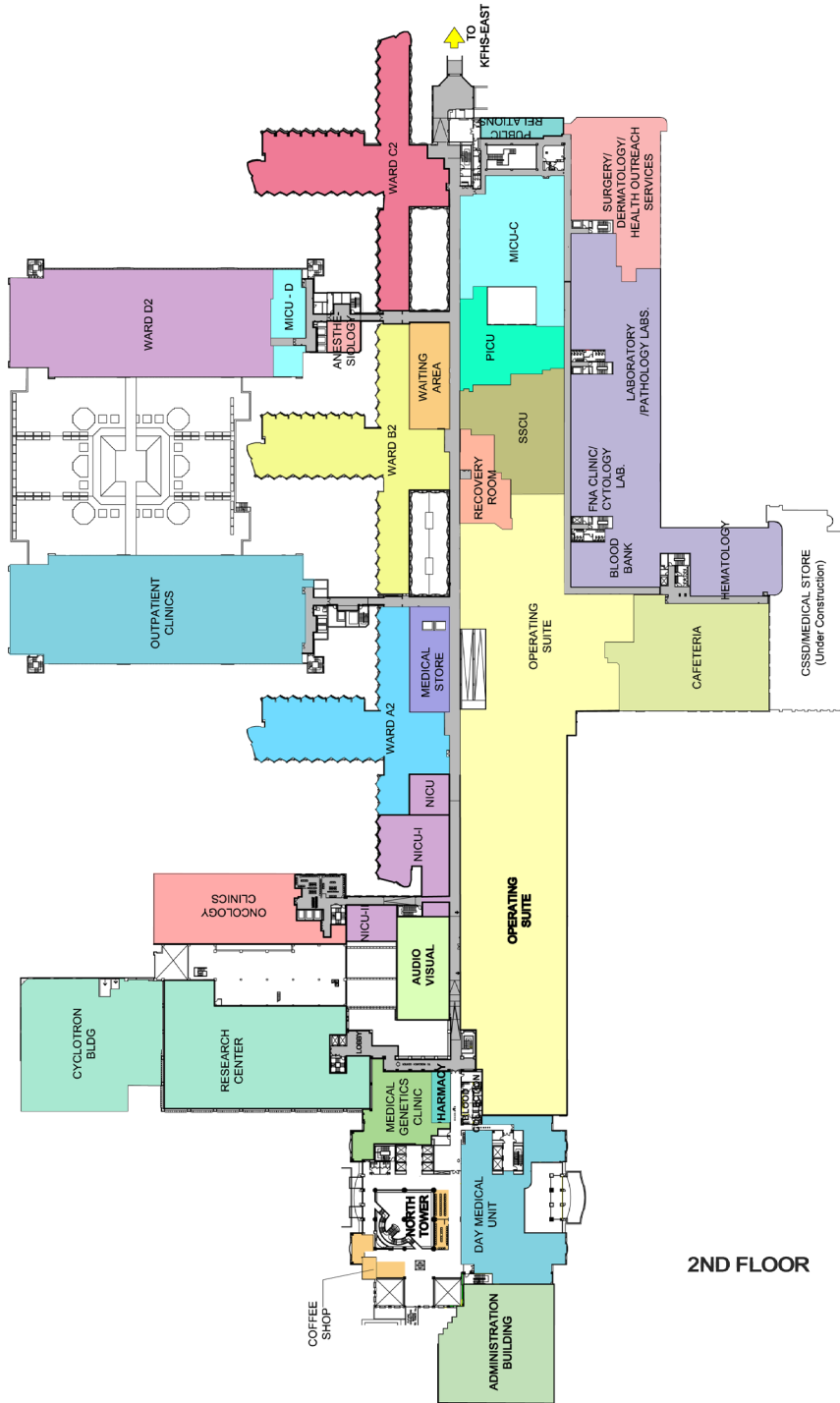
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