

SPEAKERS/INSTRUCTORS



Naser Alboudi
Director Radiation Protection and Safety Department
Medical Devices Sector-Riyadh



Mahmoud Ahmed
Health Physicist III, Bio-Medical Physics Section,
Oncology Department, KFHS&RC-Jeddah



Ibrahim Al-Anazi, MSc
Health Physicist,
Biomedical Physics Department, KFHS&RC-Riyadh



Sara Bin Judia, BSc
Research Technician, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Munera Al Buhairi, BSc
Research Assistant, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Sara Elewisy, BSc
Research Technical Assistant, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Ibrahim Al-Garn, MSc
Medical Physics Technician,
Biomedical Physics Department, KFHS&RC-Riyadh



Najla Al-Harbi, BSc
Research Associate, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Mohammed AlJallad, PhD
Diagnostic Physicist,
Eglin Hospital, Florida, USA



Celestino Lagarde, BSc
Health Physics Technician,
Biomedical Physics Department, KFHS&RC-Riyadh



Fareed Mahyoub, MSc, MIPEM
Head, Radiation Safety Office & Health Physics Section
Biomedical Physics Department, KFHS&RC-Riyadh



Belal Mottah, PhD, FCCPM
Chairman & Head, Radiation Physics
Biomedical Physics Department, KFHS&RC-Riyadh
Adjunct Professor, McGill University, Montreal, Canada



Eng Akram Al-Moussa
Senior Technical Specialist & Head, Gamma Irradiation Facility
Biomedical Physics Department, KFHS&RC-Riyadh



Waleed Al-Najjar, PhD, DABR, DABMP
Chief Medical Physicist, Radiation Oncology Physics Section
Biomedical Physics Department, KFHS&RC-Riyadh



José Canga Rodriguez, MSc
Key Account Manager,
Pharmaceutical and Life Sciences Industry



Ghazi Alseibh, PhD, MD
Principal Scientist & Head, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Nikki Venturina, BSc
Research Technical Assistant, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh



Shada Al-Farishi, PhD, DABR
Chief Medical Physicist,
Biomedical Physics Department
KFHS&RC-Riyadh



www.radmed.org



For more information regarding
Radiation Safety & Radiobiology please contact: Ghazi Alseibh, PhD, MD;
Biomedical Physics Department, KFHS&RC, Riyadh, KSA
Tel No. : +966 (11) 4647272 ext.: 27891; pager: 47210
Email: gasibeh@kshrc.edu.sa



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
الرياض، المملكة العربية السعودية
Riyadh, Kingdom of Saudi Arabia

2015 RADIATION IN MEDICINE SYMPOSIUM & WORKSHOPS

KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTRE, RIYADH, SAUDI ARABIA

05 - 07 JUMADA AL AWWAL 1436 / 04 - 06 FEBRUARY 2015

Radiation Safety & Radiobiology

VENUE: KFHS&RC Post Graduate Classroom 4

SCIENTIFIC COMMITTEE



CHAIR

Ghazi Alseibh, PhD, MD
Principal Scientist & Head, Radiation Biology Section
Biomedical Physics Department, KFHS&RC-Riyadh

MEMBERS



Mahmoud Ahmed
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Biomedical Physics Department
KFHS&RC-Riyadh



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Radiation Biology Section
Biomedical Physics Department,
KFHS&RC-Riyadh



Omar Noor, MSc
Health Physicist,
Biomedical Physics Department
KFHS&RC-Riyadh

DAY 1, Tuesday, February 24, 2015

MODERATORS: Ghazi Alsbeih, KFSH&RC-Riyadh
Fareed Mahyoub, KFSH&RC-Jeddah

8:30-9:00 L1: Management Structure of a Radiation Protection Program
Speaker: Mohammad Al-Shabanah

9:00-9:30 L2: Introduction to Radiation Protection
Speaker: Belal Mof tah

9:30-10:00 L3: Responsibilities of Radiation Safety Officers and Workers
Speaker: Abdulrahman Alarfaj

10:00-10:15 COFFEE BREAK

MODERATORS: Naser Alaboudi, SFDA-Riyadh
Tala Salim, KFSH&RC-Jeddah

10:15-10:45 L4: New Regulation in Radiation Safety and Handling Radioactive Materials
Speaker: Nasser AlAboudi

10:45-11:15 L5: Biological Effects of Ionizing Radiation
Speaker: Ghazi Alsbeih

11:15-11:45 L6: Potential Hazards of Non-Ionizing Radiation
Speaker: Ibrahim Al-Anazi

11:45-12:15 L7: Radiation Safety in Laboratories
Speaker: Ghazi Alsbeih

12:15-13:30 LUNCH BREAK & PRAYER

MODERATORS: Ibrahim Alanazi, KFSH&RC-Riyadh
Najla Alharbi, KFSH&RC-Riyadh

13:30-14:00 L8: Health Risks from Low Levels of Ionizing Radiation
Speaker: Ibrahim Al-Anazi

14:00-14:30 L9: Clinical Radiation Biology
Speaker: Ghazi Alsbeih

14:30-15:00 L10: Radiation Shielding Design
Speaker: Shada Wadi Alaramahi

15:00-15:30 L11: National Biodosimetry Laboratory in Saudi Arabia
Speaker: Ghazi Alsbeih

15:30-16:00 COFFEE BREAK & PRAYER

MODERATORS: Mahmoud Ahmad, KFSH&RC-Jeddah
Ghazi Alsbeih, KFSH&RC-Riyadh

16:00-16:30 L12: Radioactive Materials Registration & Waste Management
Instructor: Mahmoud Ahmed

16:30-17:00 L13: Optimization of Protection in Mammography
Instructor: Ibrahim Al-Anazi

DAY 2, Wednesday, February 25, 2015

MODERATORS: Ibrahim Alanazi, KFSH&RC-Riyadh
Ibrahim Al-Gain, KFSH&RC-Riyadh

8:30-9:00 L14: Patient Doses in Diagnostic Radiology
Speaker: Ibrahim Al-Anazi

9:00-9:30 L15: Radiation Safety in Radiation Oncology
Speaker: Waleed Al-Najjar

9:30-10:00 L16: Personnel Dose Monitoring
Speaker: Ibrahim Al-Gain

10:00-10:15 COFFEE BREAK

MODERATOR: Akram Al-Moussa, KFSH&RC-Riyadh
Saad Aldelaijan, KFSH&RC-Riyadh

10:15-10:45 L17: Radiation Safety in Industrial Applications
Speaker: Akram Al-Moussa

10:45-11:15 L18: Radiation Safety and Risks in Fluoroscopy
Speaker: Mohammed Aljallad

11:15-11:45 L19: A New Patented Technology for Processing Radioactive Waste Water from Nuclear Medicine
Speaker: Jose Canga Rodriguez

11:45-12:15 L20: Comprehensive Software Application for Radiation Safety
Speaker: Mahmoud Ahmed

12:15-13:30 LUNCH BREAK & PRAYER

13:30-14:30 WORKSHOP I: Secondary Standard Dosimetry Laboratory (SSDL) and Calibration of Survey Meters
Instructor: Omar Noor

14:30-15:30 WORKSHOP II: Practical Applications in Radiation Protection Personnel Monitoring
Instructor: Ibrahim AlGain

15:30-16:00 COFFEE BREAK & PRAYER

16:00-17:00 WORKSHOP III: Radioactive Waste
Instructor: Celestino Lagarde

DAY 3, Thursday, February 26, 2015

8:30-10:00 WORKSHOP IV: Practical Applications in Radiation Protection for Radioiodine Therapy
Instructor: Fareed Mahyoub

10:00-10:15 COFFEE BREAK

10:15-12:15 WORKSHOP V: Radiobiology and Biodosimetry
Instructor: Ghazi Alsbeih

12:15-13:30 LUNCH BREAK & PRAYER

13:30 - 22:30
AL-THUMAMAH DESERT PICNIC

