



Arab Atomic Energy Agency



مستشفى الملك فيصل التخصصي ومركز الأبحاث
King Faisal Specialist Hospital & Research Centre
Gen. Org. مؤسسة عامة

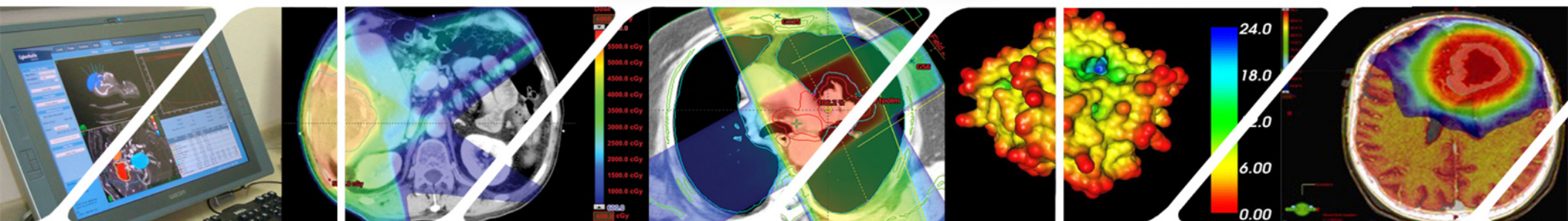


مدينة الملك عبد الله للطاقة
الذرية والمتجددة KA-CARE

Training Course on Medical Physics & the Use of Radiation in Treatment of Tumors

18- 22 November 2012/ 04 - 08 Muharram 1434

Venue: King Faisal Specialist Hospital & Research Centre, Riyadh, Kingdom of Saudi Arabia
(Research Centre Room#304)



Course Coordinators

Dr. Abdulrahman Alarfaj

Consultant,
King Abdullah City for Atomic and Renewable Energy
Riyadh, Saudi Arabia

Prof. Dr. Ahmed Rashad Kassem

Consultant & Head,
Biosciences & Environment Department
Arab Atomic Energy Agency
Tunis, Tunisia

Dr. Belal Mofteh

Chairman, Biomedical Physics Department
Head, Radiation Physics
King Faisal Specialist Hospital & Research Centre
Riyadh, Saudi Arabia

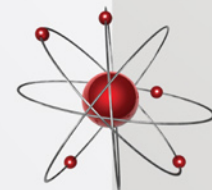
Organizers

King Faisal Specialist Hospital & Research Centre (KFSH&RC)
King Abdullah City for Atomic and Renewable Energy (K.A.CARE)
Arab Atomic Energy Agency (AAEA)

Speakers

Mr. Ibrahim Al-Anazi, KFSH&RC
Dr. Abdulrahman Alarfaj, K.A.CARE
Dr. Mohammed Garwan, K.A.CARE
Prof. Dr. Ahmed Rashad Kassem, AAEA
Mr. Refa'at Al-Mazrou, KFSH&RC
Dr. Belal Mofteh, KFSH&RC
Mr. Ahmad Nobah, KFSH&RC
Mr. Mohammed Al-Rowaily, KFSH&RC
Dr. Ghazi Alsbeih, KFSH&RC
Dr. Mohammed Al-Shabanah, KFSH&RC
Dr. Mahmoud Tuli, KFSH&RC

www.radmed.org



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مدينة الملك عبد الله للطاقة
الذرية والمتجددة KA-CARE

Speakers/Instructors

Speakers/Instructors

Training Course on Medical Physics & the Use of Radiation in Treatment of Tumors



Mr. Ibrahim Al-Anazi
Health Physicist, Radiation Physics
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Dr. Zeinab Hassan
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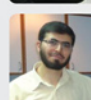
Mr. Refa'at Al-Mazrou
Medical Physicist, Imaging Physics
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Ms. Ghadeer Nazer
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Mr. Mohammed Al-Rowaily
Acting Supervisor,
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Dr. Ghazi Alsbeih
Deputy Chairman & Head, Radiation Biology
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Dr. Mohammed Al-Shabanah
Section Head, Radiation Oncology
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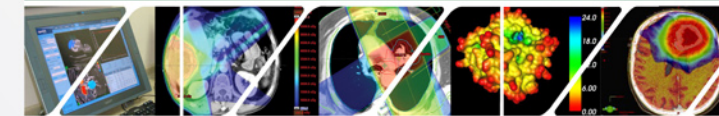


Dr. Mahmoud Tuli
Consultant, Nuclear Medicine,
Radiology Department
KFSH&RC, Riyadh, Saudi Arabia



Ms. Mona Al-Turaiki
Radiation Therapist, Radiation Oncology
Oncology Centre
KFSH&RC, Riyadh, Saudi Arabia

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Organizers

King Faisal Specialist Hospital & Research Centre (KFSH&RC)
King Abdullah City for Atomic and Renewable Energy (K.A.CARE)
Arab Atomic Energy Agency (AAEA)



PROGRAM SCHEDULE

DAY 1 Sunday, 18 November 2012

8:00 - 10:00	Registration
10:00 - 10:20	OPENING CEREMONY
10:20 - 10:40	L1: Introduction to Training Course <i>Lecturers: A. Al-Arfaj, A.R. Kassem, B.Moftah</i>
10:40 - 11:20	L2: Role of Arab Atomic Energy Agency in the Peaceful Used of Atomic Energy <i>Lecturer: A.R. Kassem</i>
11:20 - 12:00	L3: K.A.CARE Mandate and Strategy <i>Lecturer: M. Garwan</i>
12:00 - 13:00	LUNCH BREAK
13:00 - 13:40	L4: Radiation Licensing and Regulations <i>Lecturer: A. Al-Arfaj</i>
13:40 - 14:20	L5: Overview of Radiation Protection Principles <i>Lecturer: I. Al-Anazi</i>
14:20 - 15:00	L6: Categorization of Radioactive Sources <i>Lecturer: A. Al-Arfaj</i>

DAY 2 Monday, 19 November 2012

09:00 - 09:40	L7: Medical Physics and Applications of Ionizing Radiation <i>Lecturer: B. Moftah</i>
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09:40 - 10:20	L8: Cancer: Epidemiology & Concepts of Management <i>Lecturer: M. Al-Shabanah</i>
10:20 - 10:40	COFFEE BREAK
10:40 - 11:20	L9: Intensity Modulated Techniques in Radiotherapy <i>Lecturer: A. Nobah</i>
11:20 - 12:00	L10: The Use of Radionuclides in Treatment of Diseases <i>Lecturer: M. Tuli</i>
12:00 - 13:00	LUNCH BREAK
13:00 - 15:00	Practical Session 1 P1: Radiotherapy Process <i>Coordinator: M. Al-Shabanah</i> <i>Instructors: M. Al-Shabanah, A. Al-Kafi, G. Nazer, M. Al-Turaiki</i>
19:30	DINNER <i>Venue: Najdia Village Restaurant</i>

DAY 3 Tuesday, 20 November 2012

09:00 - 09:40	L11: Clinical Radiobiology <i>Lecturer: G. Alsbeih</i>
09:40 - 10:20	L12: General Overview of Nuclear Medicine in Clinical Practice <i>Lecturer: M. Tuli</i>
10:20 - 10:40	COFFEE BREAK
10:40 - 11:20	L13: Physical Principles of the SPECT-CT System and its Recommended QC Procedures <i>Lecturer: R. Al-Mazrou</i>

11:20 - 12:00	L14: New Generation Therapy in Nuclear Medicine <i>Lecturer: M. Al-Rowaily</i>
12:00 - 13:00	LUNCH BREAK
13:00 - 15:00	Practical Session 2 P2: Nuclear Medicine Process <i>Coordinator: M. Tuli</i> <i>Instructors: M. Tuli, R. Al-Mazrou, M. Al-Rowaily</i>

DAY 4 Wednesday, 21 November 2012

10:00 - 12:00	Practical Session 3 P3: Radiation Biology <i>Coordinator: G. Alsbeih</i> <i>Instructors: G. Alsbeih, N. Al-Harbi</i>
12:00 - 13:00	LUNCH BREAK
13:00 - 15:00	Practical Session 4 P4: Radiation Safety <i>Coordinator: F. Mahyoub</i> <i>Instructors: F. Mahyoub, I. Al-Anazi</i>

DAY 5 Thursday, 22 November 2012

10:00 - 11:30	Practical Session 5 P5: Advanced Radiotherapy Techniques <i>Coordinator: Z. Hassan</i> <i>Instructors: Z. Hassan, A. Hussain, A. Nobah, O. Chibani</i>
11:30 - 12:00	Closing Remarks All Participants, Speakers and Course Coordinators