

REGISTRATION FEES:

The fees include participation in the theoretical and practical sessions, a copy of the workshop lectures, all receptions, lunches and tea breaks. Hotel accommodations for participants from outside Bahrain are not included, however, it can be arranged through us before arrival

A bank draft of the registration fees is to be made payable to the University of Bahrain/ Training Course for Radiation Protection for Staff and Patients in Diagnostic Radiology

Course completion certificate :

A certificate of course completion will be issued to those who attend the course in full.

Registration:

All registration must be submitted in writing and sent by post/fax/e-mail. Private participants will pay the fees at their earliest convenience prior to the first day of the course. Others are requested to provide sponsorship letter.

WORKSHOP SECRETARIAT AND CORRESPONDENCE:

1- Dr. Lama Sakhnini .
Physics Department
University of Bahrain
P.O. Box 32038
Tel: 17437433
Fax:17449148
E-mail: l_sakhnini@yahoo.com

2- Mr.Mohamed Al-Hooti .
Head of Continuing Education and Community Development Division
University of Bahrain
P.O. Box 32038
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Fax: 17449615
E-mail: malhooti@admin.uob.bh

Training Course for Radiation Protection for Staff and Patients in Diagnostic Radiology

22 - 23 February 2013

Name: _____
Position: _____
Department: _____
Company Name: _____
Address: _____
Telephone: _____ Mobile: _____
Fax _____ Email: _____

Fee: BD150 per participant.

Payment Methods:

- Invoice the company (Please attach the sponsorship letter)
- I enclose Check/Bank draft (payable to University of Bahrain / Training Course for Radiation Protection for Staff and Patients in Diagnostic Radiology)
- Pay at the course registration counter

Signature: _____ Date: _____



Please mail or fax the completed form to:
Community Service & Continuing Education Center
University of Bahrain
P.O. Box 32038, Kingdom of Bahrain
Tel: (+973) 17438336/17438836
Fax: (+973) 17449165
Email: cscecenter@uob.edu.bh

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University of Bahrain

Community Service & Continuing Education Center

مستشفى الملك حمد الجامعي

KING HAMAD UNIVERSITY HOSPITAL



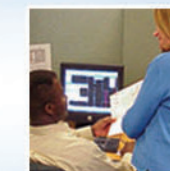
SHORT COURSE ON

Radiation Protection for Staff and Patients in Diagnostic Radiology

22 - 23 February 2013



2013
البحرين
BAHRAIN



SCOPE AND OBJECTIVES:

This workshop is aimed for medical physicists, radiologists, radiation protection officers, who would like to practice their scientific activities in the field of medical physics, dosimetry, radiation protection, and radiology.

SUBJECTS OF THE WORKSHOP:

- Fundamentals of Radiation and Units.
- Biological Effects
- International radiation protection regulations and guidelines
- Equipment used for Diagnostic Radiology
 - X-ray tube
 - X-ray imaging
 - General Radiography X-ray facility
 - Fluoroscopy X-ray equipment
 - Interventional radiology
 - Computed tomography (CT)
 - Mammography
 - Pediatric radiology
- Dosimetry
- Persons and groups involved in a radiation protection program
- Patient dose assessment in computed Tomography, interventional
- Procedures and mammography
- Quality management
 - Concepts of QA and its application to radiation protection in diagnostic
 - and interventional radiology
 - Patient related QA
 - Equipment selection and installation
 - Quality assurance and quality control
- Documentation of procedures and record keeping
- Case studies
- Practical hands-on sessions
- Application layer
- Transport Layer
- The network Layer
- The Link Layer and Local Area Networks (LAN)
- Physical Layer

- Security Issues

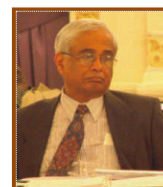
Who Should Attend?

- 1- Medical Physicists
- 2- Radiographers
- 3- Radiology technicians
- 4- Physics graduates seeking career in medical physics

Lecturers :

1- Dr. PRASAD Guru :

Northwestern University Medical School, USA
Prasad is the director of Medical Physics and Radiation Safety and Asst. Prof. of Radiology at Northwestern University Medical School, NorthShore University HealthSystem, USA. He is certified by the American Board of Radiology in all three areas: Radiation Therapy, Diagnostic Radiology and Nuclear medicine. He has been teaching Medical Physics for over 30 years. He has also been an International Atomic Energy Agency IAEA consultant for several countries over the past 15 years.



2- Dr. Majed Dwaik :

King Hamad University Hospital , Kingdom of Bahrain.
Majed is a Consultant radiologist, head of department King Hamad University Hospital. Dr. Dwaik is a senior lecturer Medical school, RCSI, Medical university Bahrain DMRD university of Wales 1988, FRCR London 1992, Assistant dean medical school Al-Quds university for 7 years, 2002-2007.



3- Dr. Lama Sakhnini :

University of Bahrain, Kingdom of Bahrain
Lama is the Medical Physics Program Coordinator at the Department of Physics, College of Science, University of Bahrain, and a part time Medical Physicist at King Hamad University Hospital. Since September 2000, she is an assistant professor in the physics department at the University of Bahrain. Her current research interests are in the area of mechanisms of interaction of electro- magnetic radiation with biological systems. She is the author and co-author of over 30 publications in peer reviewed scientific journals and peer reviewed international scientific proceedings. She is the vice chair for Bahrain Society for Medical Physics and Bio-Engineering BSMPBE and Bahrain representative in Middle East Federation of Medical Physics MEFOMP.



4- Dr. Wael Hamad Ibrahim
King Hamad University Hospital KHUH , Counsultant Radiology and Interventional Radiologist , Sinior Lecturer , Royal Colleg Of Surgeons In Ireland-Medical University Of Bahrain , Editor Of Panarab Angiology Journal.

5- Dr. Frahan Ahmed
King Hamad University Hospital KHUH , Counsultant Radiology, Sinior Lecturer, Royal Colleg Of Surgeons In Ireland-Medical University Of Bahrain, Editor Of Panarab Angiology Journal.

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VENUE:

The workshop will be held at King Hamad University Hospital

General Information:

Schedule

Registraion and opening cermony will be held on Friday 22 February 2013 at 9:00 Morning .

The course will be run for two days (22 February) from 10 AM to 5 PM and (23 February) from 9:00 AM to 5 PM with reishment and lunch break .

Course Duration

2 days × 8 hours = 16 hours of instruction.

LANGUAGE OF THE WORKSHOP:

English