



**MEDICAL
PROFESSIONALS**

Refining Radiology

Radiation Protection

Sat. 10
March 2018

Hazmiyeh,
LEBANON

Approved by the ASRT,
American Society of Radiologic Technologists,
as category A Continuing Education Credit (8 CE)

GENERAL OVERVIEW



Topics Covered

- To understand the origin of different radiation and their properties (alpha, beta, gamma, X)
- To be familiar with dosimetric quantities and units to perform related calculations
- To be familiar with the effects of radiation incident on matter
- To be aware of the effects on living matter:
Deterministic and Stochastic effects
- To understand the principles of Radiation Protection Standards
- To use the optimal practices in order to protect both patients and staff against radiation
- To apply radiation safety rules to lower radiation exposures in CT, Pediatric and Pregnant



Course Deliverables

- Certificate of Completion
- 3 months free e-learning access
- Lunch + 2 coffee breaks



Target Audience

- Health professional (medical and paramedical personnel)
- Radiologist and interventionist (cardiologist, surgeon...)
- Referring physician (general practitioner...)
- Superintendent and radiographer
- Nurse



Registration Details

For info about registration please send an e-mail to :
cme@medical-professionals.com
Or call:
+961 1 974 800 ext.209 or +961 3 10 46 13

Date: Saturday March 10, 2018

Location: Lancaster Tamar Hotel
Hazmiyeh, Lebanon

www.medical-professionals.com

CALL NOW **+961 3 10 46 13**

BEIRUT, Lebanon

2nd flr, Markazia bldg, Downtown
P.O.Box 11/397 Beirut, Lebanon
T +961 1 974 800/801/802 ext.209
F +961 1 975 800

PARIS, France

17, Quai de Grenelle,
75015 Paris, France
T +33 1 40 58 14 28
F +33 1 40 58 14 60

TUNIS, Tunisia

4, rue 7036, 2nd flr, El Menzah 4, 1004
Tunis-Tunisia
VISA : 11/1569/17
M +216 22 544 434 | M +216 26 555 138

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PROGRAM SCHEDULE

DAY 1

08:30 | 09:00 **Registration**

09:00 | 09:30 **Basic Radiation Physics**

09:30 | 10:00 **Radiation Units and Dose Quantities**

10:00 | 10:30 **Radiation Interactions with Matter**

10:30 | 10:45 *Break*

10:45 | 11:15 **Radiobiology**

11:15 | 12:15 **Radiation Protection Principles**

12:15 | 01:30 *Lunch*

01:30 | 02:15 **Radiation Protection in Radiology**

02:15 | 02:30 *Break*

02:30 | 03:45 **Clinical Modules in CT, Pediatric,
and Pregnancy**

03:45 | 04:15 **QUIZ**

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SPEAKER'S BIOGRAPHY



IBRAHIM DUHAINI - BS, TD, MS, FIOMP

- **1998 - 2000:** Research Coordinator – Hennery Ford Hospital, USA
- **2000 - 2003:** Full time Clinical Medical Physicist – St. Mary Mercy Hospital, USA
- **2003 - 2004:** Full time Clinical Medical Physicist – Oakwood Hospital, USA
- **2009 - current:** TLD & DIRAC Country Coordinator for the IAEA, Lebanon
- **2004 - current:** Medical Physicist and Radiation Safety Officer at RHUH and NBGUH, Lebanon
- **2011 - 2013:** Previous Director Radiation Safety at Hamad Medical Corporation, Qatar
- **2013 - 2015:** Consultant Medical Physicist for Sidra Hospital, Qatar
- International Day of Medical Physics Award by IOMP, **2015**
- International Organization of Medical Physics Presidential Award by IOMP, **2016**
- International Organization of Medical Physics Fellow Award by IOMP, **2017**
- Participated in more than 100 conferences and Medical Physics International Meetings (Lebanon, Gulf, Europe, USA, Asia, Africa, etc.)
- Previous President of Middle East Federation of Organizations of MP (MEFOMP)
- Member of the American Association of Physicists in Medicine (AAPM)
- American University of Beirut Graduate, BS in Biology and Teaching Diploma in Science (**1995 & 1996**)
- Wayne State University (USA) MS and Higher Studies in Medical Physics (**2000**)
- Beirut Arab University, Lebanon PhD in Physics (**2018**)

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