



A New Year message from the MEFOMP President



It is my pleasure to talk to all Medical Physicists in Middle East in the beginning of year 2020. Looking back into 2019, I see a lot of successful achievements in our respective field, which further enhanced and improved the status of medical physics in the region, for which I am proud of.

During 2019, we managed to organize the first MEFOMP Conference in Muscat, Oman with all 12 Ex-com members as speakers. The event attracted large number of physicists and science students. The second achievement for us during 2019 is hosting IMPCB exam board in three MEFOMP countries during the year, Riyadh - February, Amman - April, and Doha – October, and I hope that we will continue this improvement for the professional career in the upcoming year.

This message is to express my gladness and proudness to all of you. I am wishing you a happy and successful year 2020 and I encourage that all MEFOMP countries members would be more actively participating in our endeavors which MEFOMP is willing to continuously support. Again, Happy New Year to all.

Regards,

Dr. Huda M. Al-Naemi

President, MEFOMP

QaMPS organized a Workshop in CT Optimization and Dose Management, Doha, Qatar



Qatar Medical Physics Society (QaMPS) recently hold a workshop in optimization and dose management for CT.

Dr. Mannudeep Kalra Director for Massachusetts General Hospital (MGH) Webster Center for Advanced Research and Education in Radiation based in Boston, USA was the main speaker in the workshop. The workshop aimed not only to reduce the doses for CT patients, but to improve the quality of the service in CT which include the dose and the protocols as well.

In keeping with the increasing utilization of CT examinations, the greater concern about radiation hazards from examinations has been addressed. CT radiation dose optimization has been given a great deal of attention by radiologists, referring physicians, technologists, and physicists. Dose-saving strategies are continuously evolving in terms of imaging techniques as well as dose management. Consequently, regular updates of this issue are necessary especially for radiologists who play a pivotal role in this activity. The workshop provided an update on how to optimize CT dose in order to maximize the benefit-to-risk ratio of this clinically useful diagnostic imaging method.

International Medical Physics Certification Board (IMPCB) exams conducted in Qatar



The Qatar Medical Physics Society (QaMPS) recently hosted the International Medical Physics Certification Board (IMPCB) examinations, held in October 2019. This has been a great opportunity for Medical Physicists in Qatar and in the Middle East to be certified as qualified medical physicists in various specialties.

Prior to the examinations, a two-day medical physics workshop was conducted as continuous professional education for medical staff, which also prepared the participants for the exam. The examination was conducted by a team of seven (7) IMPCB examining faculty selected by the Board Examination Committee.

A total of 45 candidates from different countries around the world took the given examinations and this number, so far, was the biggest number of candidates in the history of IMPCB examinations conducted. IMPCB successfully conducted three (3) examinations in the Middle East for the year 2019: February in Riyadh, April in Oman and October in Doha.

The mission of the IMPCB is to support the practice of medical physics through a certification program to achieve the goal of improving the quality of patient care in diagnostic and therapeutic medicine. The IMPCB conducts three Board Examination categories/parts covering various medical physics imaging and therapy subspecialties worldwide; and IMPCB focuses on countries with no currently existing certification programs. Over the past two years examinations have been held in Mexico, Bangladesh, Italy (several times), Czech Republic, Austria and Chile.

Dr Hanan Al Aldossari winner of IDMP 2019 for MEFOMP



As every year the IOMP select the IDMP winners from each region, Dr Hanan Al Aldossari from Kuwait was awarded the IOMP IDMP Award 2019 for the Middle East Region (MEFOMP).

Dr. Hanan Aldossari is one of the first clinical medical physicist in Kuwait and has been practicing her profession for long time. She has made valuable contributions for patient safety in nuclear medicine procedures as a medical physicist and as the Head of Medical Physics and Radiation Safety Officer Unit at Jaber AlAhmad center for Nuclear Medicine and Molecular Imaging.

Dr. Aldossari is the Chair of Women in Medical Physics Committee in MEFOMP 2018-2021. Previously she was the Chair of Honors and Award Committee in MEFOMP 2015-2018. She is the Vice President of Kuwait Association for Medical Physics.

MEFOMP Celebrations of the International Day of Medical Physics 2019.

Doha, Qatar



Qatar Medical Physics Society (QaMPS) celebrated the IDMP 2019 on the 7th of November by holding a large sign bearing the words "International Medical Physics Day" and the logo of QaMPS and MEFOMP as can be seen in the photos attached. All medical Physicists were welcoming the medical and admin staff coming to work at 7:00 am.

The staff were interested to talk and discuss with the medical Physicists about this occasion and it was good chance to explain the role of Medical Physicists in the hospitals by distributing special leaflets prepared for this purpose. Medical Physicist highlighted the theme of IDMP 2019, so everybody was aware that "It is a Medical Physics World".

Muscat, Oman



The Royal Hospital, represented by the Medical Physics Unit, in collaboration with The Medical Physicists from the Ministry of Health celebrated with the world the International Day of Medical Physics, which was held on 14 November, from 8:00 am to 1:00 pm at the National Heart Centre Auditorium.

The event was graced by the presence of Dr. Qasim Al Salmi, Director General of Royal Hospital. A good number of medical staff and cadres from Sultan Qaboos University also joined the event, in addition to the presence of entities dealing with radioactive materials. The celebration was organized to be the first of its kind in the field of Medical Physics network.

Amman, Jordan



The Ministry of Health in the Hashemite Kingdom of Jordan celebrated the IDMP 2019 by organizing a special educational session with specific topics about the role of Medical Physicists in the medical field, Mr. Nabil Iqeilan was the main speaker in this celebration. The official IOMP IDMP poster 2019 in their celebration, the event attracts large number of Medical Physicists from Jordan.

Jeddah, KSA



MEFOMP women Committee under the Chair of the committee Dr. Hanan AlDosary celebrated the IDMP 2019 during the 8th Gulf Nuclear Medicine Conference in Jeddah, KSA.

They organized a scientific tour in the Applied Medical Sciences College with Vice Dean of the college, Dr. Noof Abo Hadi who encourage the young women scientist to get engaged in Medical Physics.

MEFOMP Celebrations of the International Day of Medical Physics 2019.

Beirut, Lebanon



The Lebanese Association of Medical Physics (LAMP) has celebrated the International Day of Medical Physics (IDMP 2019) on November 7, 2019 at the Rafik Hariri University Hospital in Beirut, Lebanon. The event was attended by medical physicists and master students from the Lebanese University. There was a presentation about the event and exhibition of the previous MPW Magazines, Medical Physics Journals, Physics Today, and related books and Reports of Medical Physics. The participants then joined an open buffet during the gathering.

MEFOMP in Partnership with ICRM2020



ICRM2020 will be conducted by King Faisal Hospital and Research Centre (KFSH&RC) from 09 to 13 February, 2020 at AlFaisal University, Riyadh, Kingdom of Saudi Arabia. MEFOMP accepted the invitation to become a partner for this event which aims to provide health professionals working in radiation medicine with a venue to maintain cutting edge knowledge and skills in various aspects of radiation applications in medicine including medical physics, radiation oncology, radiology, nuclear medicine, cardiology, radiobiology and radiation protection.

As a partner, MEFOMP will organize one day workshop within ICRM program. The title will be **MEFOMP Workshop: Physicist in Medicine, Qualifications, Standardizations and Innovations**. This workshop will be headed by Dr. Meshari M. Nuami, current VP of MEFOMP and will be accompanied by 4 other Speakers. Visit this link for more info.

<https://www.radmed.org/>

Riyadh, KSA



The Medical Physicists in the Kingdom of Saudi Arabia celebrated the IDMP 2019 by organizing a special educational session with specific topics about the role of Medical Physicists in the medical field, Dr Abdalla Al Haj was the main speaker in this celebration. They used the official IOMP IDMP poster 2019 in their celebration, the event attracts large number of Medical Physicists from KSA.

Radiation Protection Course held at Jaber Al-Ahmad Center, Kuwait



The Medical Physics Unit at Jaber Al-Ahmad Center for Molecular Imaging held a training course approved by the Radiation Protection Department at the Ministry of Health in Kuwait entitled "Radiation Protection" for radiation and nuclear medicine workers. The course included theoretical lectures by specialists in the field of radiology and nuclear medicine and practical lectures to train participants how to deal with emergencies in nuclear medicine and how to remove radiation contamination. Participants submitted a written test as a condition for passing the course and obtaining an accredited certificate to renew their license to deal with radioactive materials, or to issue a new license for new employees in the field.

The course was attended by 54 participants including physicians, specialists, physicists, nurses and engineers from the Departments of Nuclear Medicine in Kuwait and from the Department of Radiation Protection, Medical Laboratories, and also students of Kuwait University.