MEFOMP Workshop Activity

Brachytherapy Planning and QA: Physicist Perspectives

Radiation Oncology Department,
Kuwait Cancer Control Center (KCCC)
Kuwait

7-9 November 2022

Information Sheet

Introduction

The workshop will focus on improving treatment planning and delivery knowledge with High Dose Rate Brachytherapy (HDR) and to further strengthen current HDR Brachytherapy practice for gynaecological and prostate brachytherapy. This workshop will provide up to-date knowledge in topics of patient selection, implementation of planning technique, requirement for establishing a safe and high quality Brachytherapy program and development in the field

Objectives

The objective of the workshop is to strengthen the knowledge base of Junior Medical Physicists in the Middle East region for improving patient safety and quality of care. The Workshop primarily focuses on imparting the required understanding and skillsets through lectures, hands on demonstrations and active interactions, aiming at

- Understanding the clinical rationale for HDR brachytherapy for gynecological and prostate brachytherapy
- Radiobiology of Brachytherapy treatment
- Image guided Brachytherapy including commission and QA
- Commissioning and QA of treatment planning system
- Applicator choice for various sites
- Treatment planning for interstitial and intracavitary Brachytherapy
- Treatment delivery of interstitial and intracavitary Brachytherapy
- Quality assurance in Brachytherapy
- Radiation protection aspects in Brachytherapy procedures
- Demonstration of Brachytherapy procedures for different sites

Target Audience

The workshop targets Radiotherapy Medical Physicists with 3-5 years of experience.

Each Medical Physics Society / MEFOMP ExCom Representative is expected to nominate 2 candidates (1 primary and 1 backup). The organizing committee will then select one participant per member state country based on the CV and availability. Nomination showed be submitted by **4th October 2022.**

Working Language

English

Participation and Registration

Participation is on invitation from the Organizing Committee, based on the nominations received. The nomination will be addressed per the attached Participation form.

Expenditures

Economy flights, single accommodation, meals for the days of the workshop and all event related transportation will be borne by the organizers.

Venue

The event will be held at the Radiation Oncology Department, Kuwait Cancer Control Center (KCCC), Kuwait, Kuwait.

Participants are advised to arrive at the KCCC main entrance 30 minutes before the start of the event on the first day to allow for timely registration. Participants will need to present their passports to be admitted to the KCCC premises.

Visas

The visa issuance is under the candidate responsibility. The organizing committee will try to assist in this matter. However, there is no guarantee in the issuance of the visa from our side.

Organization

This activity is endorsed by the Middle East Federation of Organizations of Medical Physics and organized by the Radiation Oncology Department & Radiation Physics Department, Kuwait Cancer Control Center (KCCC) Kuwait.

Sponsorship

KFAS is a non-profit, non-government scientific center in Kuwait supporting the progress and advancement of science and technology

https://www.kfas.org/

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