



- Date:** Wednesday 16 Feb 2022
- Time:** 18:30-21:00
- Venue:** Virtual, Live
- Coordinators:** Ismail Aldahlawi, PhD, MCCPM
Saad Aldelaijan, PhD, DABR
- Workshop Faculty:** Noha Jastaniyah, MD, FRCPC, DABR
Ivan Buzurovic, PhD, DABR, CMD
- Target Audience:** Radiation Oncologists, Medical Physicists, Radiation Therapists, Residents
- Description:** In this workshop, the faculty will discuss clinical and physics aspects of the combined interstitial/intracavitary high-dose-rate (HDR) brachytherapy approach in the treatment of cervical cancer. First, Dr Jastaniyah will provide a clinical background and discuss the role of HDR brachytherapy. Then she will demonstrate different approaches to dose escalation with respect to the ICRU 89 guidelines and share KFSH&RC clinical experience with the Venezia hybrid applicator. Afterwards, Dr Buzurovic will discuss dosimetry and quality assurance aspects of the hybrid approach and will share their clinical experience at the Brigham & Women's Hospital, Harvard Medical School. Tips on implementation and common error to avoid will be shared for clinical application and QAs!
- Learning Objectives:** At the end of this workshop, attendees will learn about:
1. Clinical value of dose escalation using brachytherapy in the management of cervical cancer.
 2. Selection criteria of appropriate applicators and their proper placement.
 3. Planning, dosimetry and QA of interstitial/intracavitary HDR brachytherapy.