



## INTRAOPERATIVE RADIATION THERAPY (IORT) WORKSHOP

### Target Audience:

Medical Physicists, Radiation Oncologists, Oncology Surgeons, Radiation Therapists and Medical Dosimetrists, as well as Researchers, Teachers, Students who need practical knowledge to work in IORT.

### Workshop Description:

This workshop will familiarize the attendees with hands-on demonstrations of techniques of IORT, clinical work-flow, patient selection, clinical data collection & quality assurance measurements, patient preparation, tumor removal surgery, cone size & energy selection, MU calculation, machine docking, dose delivery and radiation protection.

### Learning Objectives:

Upon completion of this course, attendees will become familiar with:

1. **Clinical Aspect of IORT:** Oncology and surgical aspect of IORT, Radiation oncology aspect of IORT, Demonstration of surgical operation, Surgical tools, Patient closing after treatment
2. **Technical Aspects of IORT:** Acceptance and commissioning of Mobetron – IORT machine, Demonstration of periodical quality assurance measurements, Radiological parameters and their measurements, Demonstration of clinical procedures and technique, Radiation safety
3. **Dose Delivery:** Prescription, Docking of the machine, Parameters input to machine, Radiation safety.

Date	Venue	Time	Lecture
Wed 19 Feb 2014	KFSH&RC, A2 CONFERENCE ROOM	13:45 - 1405	<b>Clinical and surgical aspect of IORT</b> <i>Tarek Amin</i>
		1405 - 1425	<b>Radiation oncology aspect of IORT</b> <i>Rana Mahmood</i>
		1425 - 1445	<b>IOERT for recurrent rectal cancer and for retroperitoneal sarcoma</b> <i>Benjamin Calvo</i>
		1445 – 1505	<b>IOERT Protocol Studies: Challenges in Implementation</b> <i>Donald Goer</i>
		1505 - 1525	<b>IOERT for Breast Cancer</b> <i>Dr. Sergio Maluta</i>
		1530 - 1600	Prayer and Coffee Break
		1600 - 1700	<b>Physics aspects of IORT</b> <i>Abrar Hussain</i>
Thu 20 Feb 2014	KFSH&RC, OR -20 Room	0800 - 1230	<b>IORT PROCESS: HANDS-ON</b>

**\*Certificates will be distributed on THURSDAY 21 FEB 2014**

### CONTACTS:

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