



مستشفى الملك فيصل التخصصي ومركز الأبحاث  
King Faisal Specialist Hospital & Research Centre  
Gen. Org. مؤسسة عامة



## ICRM2022

# 7<sup>th</sup> INTERNATIONAL CONFERENCE ON RADIATION MEDICINE

Virtual Event, Hosted by King Faisal Specialist Hospital & Research Centre, Riyadh, Saudi Arabia

12 - 16 RAJAB 1443 | 13 - 17 FEBRUARY 2022

CLINICAL APPLICATIONS AND INNOVATIVE APPROACHES

### Deep-inspirational breath-hold (DIBH) Technique for Breast Radiotherapy

<b>Date:</b>	Thursday 17 Feb 2022
<b>Time:</b>	13:00-15:30
<b>Venue:</b>	Virtual, Live
<b>Coordinator:</b>	Mona Alturaiki, RTT
<b>Workshop Faculty:</b>	Mona Alturaiki, RTT Ahmad Nobah, MSc, DABR Musaab Aljuraid, MSc
<b>Target Audience:</b>	All Radiation Oncology Services Group
<b>Workshop Description:</b>	Deep inspiration breath-hold (DIBH) is a technique used for breast cancer radiotherapy. It delivers the radiation while the patient is holding a deep breath. Taking a deep breath changes the position of the organs and reduces movement. DIBH is a simple method to limit irradiation of healthy tissues and thereby reducing the risk of late radiation effects. This show and tell workshop is aiming to demonstrate the process of implementing the DIBH technique at King Faisal Specialist Hospital & Research Centre.
<b>Learning Objectives:</b>	The workshop will include presentations and recorded videos to walk you through the process and will cover the below aspects: <ol style="list-style-type: none"><li>1. Education session process.</li><li>2. Pre-planning process includes set up &amp; immobilization, and CT scan</li><li>3. Planning Process and Dosimetry</li><li>4. DIBH Physics QA</li><li>5. Treatment and image verification protocols.</li></ol>