



Breast Radiotherapy Virtual Crash Course

Monday April 15th, 2024

Breast cancer is the most frequent in women and the leading reason of referral in radiation oncology in the Middle East. Those cancers are different from those occurring in the Western World because the Middle East population is younger and/or have less access to screening programs. They are hence often diagnosed at advanced stages, with larger tumor, more frequent nodes involvement, and more aggressive biology.

The purpose of this crash course is to review the management of breast cancers with radiotherapy, accounting for the specificity of the Middle East. The crash course aims at updating the knowledge and skills for radiation oncologists, medical physicist, therapists, and nurses when managing cases or discussing difficult cases in multidisciplinary meetings. The morning will focus on updating general knowledge of breast oncology including imaging, pathology, genetics, surgical and systemic treatments. The afternoon will focus on specific challenging issues, including regional radiotherapy, surgical margins, postmastectomy radiotherapy and breast reconstruction.

1. [Imaging and biopsy – Dr AlQassabi](#)
2. Pathology and genetics of breast cancer – Dr Rahman
3. [Surgical options for breast cancers – Dr AlAmeri](#)
4. [Medical options for breast cancers – Dr AlFarsi](#)
5. [Loco-regional radiotherapy after BCS – Dr Alomran](#)
6. [Surgical margins and boost – Dr Mir Khan](#)
7. [Regional radiotherapy – Dr Albeesh](#)
8. [Partial breast irradiation – Pr Pignol](#)
9. [Post-mastectomy radiotherapy \(PMRT\) – Pr Pignol](#)
10. [The case of DCIS – Dr Pervez](#)
11. [Breast radiotherapy toxicities and management – Dr Pignol](#)