

20th International Conference on Breast Pathology and Cancer Diagnosis

April 11th, 2023 | Webinar

ISSN: 2572-4118

Screening, monitoring and diagnosis of breast cancer

Abstract:

Early detection and optimal treatment by surgical-oncology team are the two most important factors preventing deaths from breast cancer. Screening Mammogram guidelines have been established as per risk stratification of patient populations and latest scientific evidence. Additional Screening recommendations with Ultrasound and MRI can be performed, depending on breast density or risk assessment. Diagnostic work up of a patient presenting with breast related complaints are performed using Diagnostic Mammogram, Ultrasound or MRI. Image guided biopsies can also be performed if there is a concern for malignancy based on diagnostic work up. Imaging is also targeted to assess locoregional spread, multifocal or multicentric disease, lymph node involvement as well as distant spread. Staging work up can be performed with PET CT in cases with concern for metastatic spread. Once the diagnosis is established, image guided preoperative localization prior to the surgery is performed with specimen radiography. Patients receiving neoadjuvant therapy can be monitored to assess therapeutic response. MRI imaging with intravenous gadolinium aids in assessment of the tumor not only on the basis of morphology but also the kinetics of enhancement including uptake and wash out. Follow up imaging is routinely performed to assess for tumour recurrence. State of the art newer and experimental breast imaging techniques are always focus of research to provide best screening, monitoring and diagnostic work up for breast cancer patients

Biography

Dr. Kaushik is a board-certified radiologist working at Breast Care Center affiliated with Thomas Jefferson University Hospital in Philadelphia. With over 15 years of experience in the field of Medical imaging, Dr. Kaushik has expertise in mammography, breast ultrasound, and breast procedures including biopsies and MRI. Dr. Kaushik received her medical and Post Graduate degrees from University of Delhi India with honor roll. She went to pursue her Fellowship in Diagnostic Imaging from University of Arkansas for Medical Sciences. She is a member of American College of Radiology and Society of Breast Imaging. Women's health and Breast Cancer Imaging have always been causes close to her heart, in her words "it's not only a passion but a calling".



Dr. Chhavi Kaushik,

Thomas Jefferson University, PA, USA

Received: 04-01-2023 | **Accepted:** 06-01-2023 | **Published:** 11-04-2023