

Breast MRI; Updated indications

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Clinical breast clinical examination, mammography and ultrasonography are still in certain situations have some limitations; due to factors in the modality or breast parenchyma. MR imaging has an important role in clinical practice in the following situations; determination of the stage and extent of the disease in a patient with newly diagnosed breast cancer. Evaluation of a patient with an unknown primary tumor. Evaluation of a patient with positive surgical margins after breast conservation surgery. Monitoring of a patient undergoing neoadjuvant chemotherapy. Evaluations of breast implant integrity. Screening for breast cancer in a woman at very high risk for the disease. Breast MRI is used as a problem-solving tool for a woman with equivocal mammographic findings.. Despite all advances in functional imaging, the issue of evaluation of the degree of response

of cancer to neoadjuvant therapy will remain as a major challenge for radiologist.

Speaker Biography

Tarek Aref is a Professor of Radio Diagnosis and Head of Radio Diagnosis Department, Medical Research Institute, qualified by Bachelor of Medicine and Surgery (MBCHB), University of Alexandria, 1985. He did his Master Degree of Radio Diagnosis (MMRD), University of Alexandria 1990. He is a Doctorate in Radio Diagnosis (MDRD) University of Alexandria, 1998. He is a Fellowship of the University of Rome (Tor Vergata), Italy since 1995. He has special work experience: breast imaging and intervention breast procedures and neuroradiology imaging, training and research: In neuroradiology MRI at The University of Rome-Italy for 27 months between October 1992 and January 1995. In breast imaging (Digital mammography, MRI and breast intervention techniques) at the University of Toledo, Ohio, United States of America, November 2008. He has Membership of The Egyptian Society of Radiology and Nuclear Medicine, since 1990. He has Membership of The European Society of Radiology (ECR) since 2002.

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