

MRI IN THE MANAGEMENT OF BREAST CARCINOMA.

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Abstract : the aim of MRI in pre surgical management of carcinoma is to answer different questions.

Is there a multiple synchronous cancer, is there a synchronous contralateral cancer and to size and locate the cancer.

MRI is the most sensitive technique for detecting breast cancer 93% for invasive cancer and 60% for ductal carcinoma.

Pre surgical MRI changes management of carcinoma in 23%.

A decision of mastectomy should not be made solely on the basis of MRI (false positive more than 20%) and require additional tissue sampling of the areas of concern identified by MRI.

With different cases we are illustrating those different questions with several iconography (mammography, U.S and MRI).