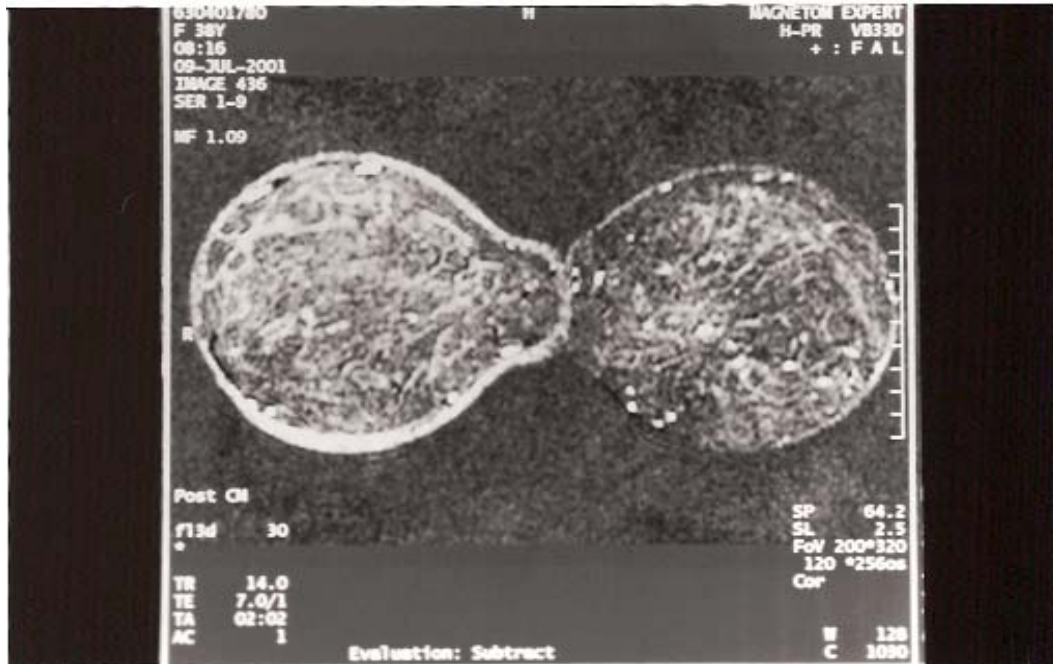


## Medical Quiz

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Thirty-eight years old Bahraini lady divorced and has three children, presented to the breast clinic with right breast and right arm pain of two weeks duration. It was associated with breast and arm swelling and fever for the same duration. There was no lumps or nipple discharge. She had normal menstrual history. No history of contraceptive pills use. No family history of breast cancer.

On examination the patient was afebrile. The right breast and right arm were swollen with skin edema, redness, and hotness. The nipple of the right breast was retracted but there was no palpable breast masses or axillary lymph nodes. She received a course of antibiotics and had minimal response. During her follow up in the clinic, she developed palpable lymph nodes in the right axilla and right supraclavicular regions.

Q1- What is the differential diagnosis?

Q2- What are the investigations needed to confirm the diagnosis?

Q3- Describe the abnormality shown in the breast MRI ?

Q4- Describe the plan of management?