Breast Neoplasm

Normal Mammogram
Breast Cancer

- Cranio-caudal view
- Area of density with spiculations

Breast Cancer

- Mass, calcifications
- Magnification view shows irregular calcifications (arrow)
Breast Cancer

- Spiculated density in the upper right breast

Breast Mass

- Left craniocaudal
- Well marginated mass
- Consider benign process
- Ultrasound to determine morphology
Breast Cyst

- Ultrasound
- Sharp margins
- No internal echoes
- Through transmission (brighter behind cyst)

Breast Cyst

- Larger breast cyst in a different patient
- No internal echoes
- Smooth walls
- Good through transmission
Breast Cancer

- Hypoechoic
- Irregular margins
- Echo shadowing posteriorly

Mammogram with comparison
Diagnostic Mammogram

- At least two zones of microcalcification
- Ductal carcinoma in situ and invasive ductal carcinoma on biopsy

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Diagnostic Mammogram

- At least two new irregular densities noted on mammography medially
- Biopsy Grade 2 invasive ductal carcinoma
Breast MRI

- Multiple areas of abnormal vascularity right breast
- At least one abnormal area medial left breast
Breast MRI

- Potential for evaluating for multi-focal breast cancer during staging
- Potential for evaluation of patients with BRCA-1 or -2
- Potential for evaluating equivocal findings in Mammography or breast Ultrasound

PET Scanning Breast Carcinoma