

Bilateral Breast Masses

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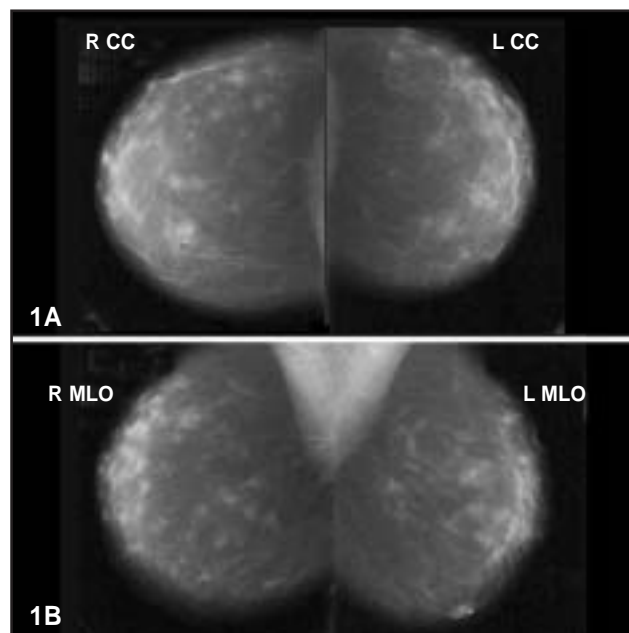


Fig 1. — Craniocaudal (A) and mediolateral (B) oblique views revealing multiple, predominantly subcentimeter, fairly well demarcated masses scattered throughout both breasts. There are no associated microcalcifications.

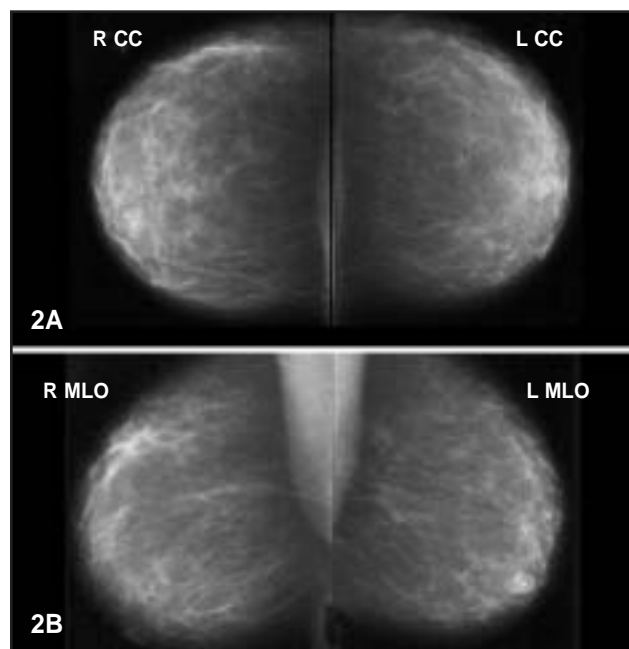


Fig 2. — Mammograms obtained 2 years prior showing normal craniocaudal (A) and mediolateral oblique (B) views.

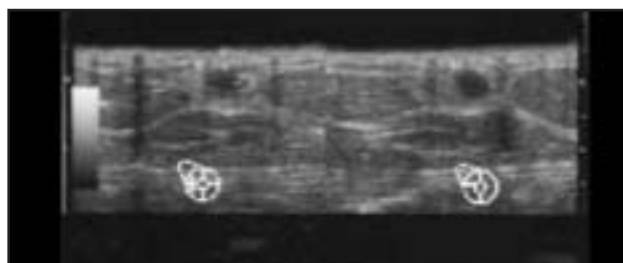


Fig 3. — Selected image from breast ultrasound revealing subcentimeter, hypoechoic, solid masses corresponding to those seen mammographically.

Case Description

A 38-year-old woman with an abnormal bilateral mammogram reported increasing palpable masses in both breasts over the preceding several months. She also noted the presence of multiple subcutaneous nodules on her upper chest, upper extremities, and back. Five years earlier, she had similar subcutaneous nodules on her upper extremities. She was treated successfully at various intervals with corticosteroids. She was currently not taking corticosteroids, and she had no other chronic medical problems. There was no family history of breast cancer.

Mammography revealed multiple, predominantly subcentimeter, fairly well demarcated masses diffusely scattered throughout both breasts. There were no associated microcalcifications (Fig 1). Her mammogram 2 years prior was normal (Fig 2). Sonographic evaluation of both breasts demonstrated multiple subcentimeter, hypoechoic, solid masses corresponding to those seen mammographically (Fig 3).

The most likely diagnosis is:

- a. multiple fibroadenomas
- b. multifocal infiltrating duct cancer
- c. extensive fibrocystic change
- d. sarcoidosis

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