The Many Faces of Fibroadenomas

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68-year-old woman presents for a screening mammogram
68-year-old female with no past medical history presents for an annual screening mammogram. She has no family history of breast cancer. She denies any palpable masses, nipple discharge, or areas of concern in either breast. Physical exam of the breast is deferred. Bilateral screening mammogram is performed.
There are grouped calcifications in the right breast middle depth, two groups superiorly and a third group inferiorly.
There are bilateral circumscribed round and oval masses. There are no additional suspicious masses, calcifications, sites of architectural distortion, or asymmetries otherwise noted in either breast.

BI-RADS 0: Incomplete - Need additional imaging evaluation and/or prior mammograms for comparison.
Prior screening mammograms were obtained from an outside facility and confirmed stable appearance of grouped calcifications and bilateral round and oval masses.

Outside records indicated the patient had ultrasound-guided core biopsy of right breast asymmetry.

Pathology: Fibroadenoma
Final BI-RADS 2: Benign
Annual routine screening mammogram recommended.
Most common benign breast mass
Median age at presentation 25 years, but can occur at any age
Single or multiple
Classic mammographic appearance: oval, circumscribed mass
Ultrasonography can distinguish simple cyst from fibroadenoma
May have popcorn-like calcifications at periphery
Magnification compression views and biopsy of grouped calcifications, asymmetry, or mass recommended unless stable over time
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- Popcorn (coarse) calcifications
- Coarse heterogeneous calcifications
- Oval circumscribed mass
