



Diagnostic Mammography Protocol

A diagnostic mammogram may be performed on:

- Symptomatic (e.g. lump, focal pain, nipple discharge, thickening of the skin, or change in breast shape or size) male or female patients with a referral for a diagnostic mammogram
- Female patients with an abnormal finding on a screening mammogram (BIRADS 0)
- Asymptomatic patients with a personal history of breast cancer and a referral for a diagnostic mammogram
- Patients who require short-interval follow up (BIRADS 3) from a previous study

Any female under the age of 30 should be scheduled for diagnostic breast ultrasound first

Protocol:

- **BIRADS 0:**
 - Calcifications: Obtain a DBT ML of the indicated breast(s), as well as 2D CC and ML magnification views.
 - Focal Asymmetry: Obtain a DBT ML of the indicated breast(s) as well as DBT spot views in CC and MLO projections.
 - Mass: Obtain a DBT ML of the indicated breast(s) as well as DBT spot views in CC and MLO projections.
 - 2D Callback: Obtain full field DBT CC, MLO, and ML views of the indicated breast(s), as well as the spot compression/magnification views described above.
- **BIRADS 3**
 - Calcifications: Obtain a DBT CC, MLO, and ML of the indicated breast(s), as well as 2D CC and ML magnification views.
 - Focal Asymmetry/Mass: Obtain DBT CC, MLO, and ML views of indicated breast(s) as well as DBT spot views in CC and MLO projections.
 - If a patient is due for their annual mammogram within 3 months of their diagnostic exam, perform a bilateral study.
- **W/ Symptoms:**
 - Perform DBT CC, MLO, and ML views of the indicated breast(s) with any palpable or visible areas of concern clearly marked.
 - Perform DBT spot views in CC and MLO projections for all areas of palpable concern and focal pain (unless tissue marker from full field images shows only fatty tissue in this area)
 - Perform CC and ML magnification views of the retroareolar region for patients with new or clear/bloody nipple discharge
 - All male patients and any female patient who is due for her annual mammogram within 3 months should receive a bilateral study.
 - Anyone who has had screening mammogram views of their symptomatic breast within 90 days will only need the additional spot compression diagnostic views performed in the area of palpable concern/focal pain
- **Asymptomatic W/ Personal History of Breast Cancer (Annual Exam):**
 - DBT CC, MLO of each breast, or DBT CC and MLO view of remaining breast for those with unilateral mastectomy.
 - Obtain CC and ML magnification views of the lumpectomy bed and full ML DBT of the affected breast.
 - Always document year of diagnosis, cancer type, and any treatments the patient has undergone.