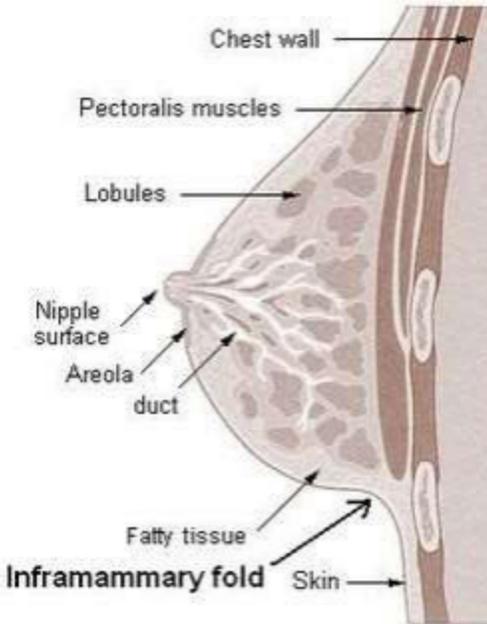


MRI BREAST (ROUTINE) - without and with



| Scan Parameters | Fit to patient |
|------------------|---|
| Special notes | Pt must have scan 5-15 days from the start of their menstrual cycle for routine patients or follow-ups. Newly diagnosed cancer patient do NOT need to follow the menstrual cycle rule. |
| | Positioning is KEY to breast exam dictation. Ensure there is no inframammary fold at the bottom of the breast. No extreme compression, sharp edges, or folds in the breast tissue. |
| | No belly skin bulge- pull breast straight for 90 degree angle. |
| Number of slices | Varies depending on breast size |

| PLANE | Sequence | Fat Sat | MATRIX | SLT/SP | FOV | GAP | Phase |
|--------------|-------------|---------|--------|--------|---------|-----|----------|
| Axial | T1 | No | | 4 mm | 37 x 24 | 0.8 | |
| Axial | T2 | Yes | | 4 mm | 37 x 24 | 0.8 | |
| Axial | STIR | No | | 4 mm | 37 x 24 | 0.8 | |
| Axial | Pre DYNAMIC | | | 2.4 mm | 34 x 26 | | |
| Axial + C | DYNAMIC | | | 2.4 mm | 34 x 26 | | 4 phases |
| Sagittal + C | HI RES | | 320 | 3 mm | 25 | | |

CONTRAST:

**Dynamic scan time 1 minute - 1 minute, 30 seconds each phase.
 Delay for contrast 20 sec.**