

Breast Biopsy MRI Protocol

Last Updated: 6/2026

Sequence	Orientation	Fat Sat	Slice Thickness/ Gap	FOV	Notes
T1 SAG PRE	SAG	SPAIR	1.5 / 0	200	Used to mark fiducial in DynaCAD
T1 3D DIXON VIBE	Axial	DIXON	1.5 / 0	200	This is a dynamic sequence that includes 3 phases – 1 pre contrast and 2 post contrast phases. Pause built in after 1 st phase to inject. 1:30 per phase. Send 1st "IN" (no fat sat) Phase and all "W" (Fat Sat) Phases to DynaCAD
PAUSE FOR TARGETING AND OBTURATOR PLACEMENT					
T1 SAG OBTURATOR	SAG	SPAIR	1.5 / 0	200	Auto copies everything from T1 SAG PRE. Auto MPR to AX
PAUSE FOR BIOPSY					
T1 SAG POST BX	SAG	SPAIR	1.5 / 0	200	Auto copies everything from T1 SAG PRE. Auto MPR to AX

DynaCAD processed series: Subtraction 02 – 0, Rotated MIP SUB X Axial, Rotated MIP SUB Y Axial, and Thin Slab SUB Axial Color Overlay.