

Quantum Imaging and Therapeutic Associates

Breast (Dynamic) – 1.5 Tesla

Indications	High risk screening, problematic mammogram/US, presurgical planning for known malignancy, monitoring neoadjuvent chemotherapy
Coil	Breast
Position	Prone
FOV	Variable to fit breasts and anterior chest wall
Comments / Special	1. Contrast injection at 2 cc per second, followed by 20 cc saline flush. 2. Begin Ax T1 FS 3D post gad 20 s post injection and repeat x 3.

<u>Sequence</u>	<u>TR</u>	<u>TE</u>	<u>TI</u>	<u>Flip</u>	<u>ST/sp</u>	<u>Matrix</u>
Ax T1	500-600	10		90	4/0	
Ax T1 3D*	4-10	min		14	2/0	
Ax T2 FS	3000-7000	80-90		90	4/0	
Ax DWI	>4000	min (50-100)		90	4/0	
Ax T1 FS 3D	4-10	min		14	2/0	
Ax T1 FS 3D post gad	4-10	min		14	2/0	
Sag T1 FS 3D post gad	9.9	6.5		14	2/0	

*Optional to replace Ax T1.