

Protocol: **Breast Assest**

Indications: Assest
Region to Scan: Breast Asset

Sequences

	1	2	3	4	5	6	7
Sequence Name	SCOUT	Sagittal T2 fat sat	Asset Calibration	Sagittal T1 non-fat Sat	Sagittal T1 Fat Sat Pre	Sagittal T1 Fat Sat Post x5	Axial T1_post
Patient Position	Prone	Prone	Prone	Prone	Prone	Prone	Prone
Plane	Axial	Sagittal		Sagittal	Sagittal	Sagittal	Axial T1
Sequence	2D FMPSGRE	T2 FSE		3D Fast SPGR	3D Fast SPGR	3D Fast SPGR	3D Fast SPGR
Options	Fast	FC/NP/VB/TR Fast		VB/Fast/ Asset	VB/Fast/ Asset	VB/Fast/ Asset	ASSET
Coil	8 ch. Breast	8 ch. Breast		8 ch. Breast	8 ch. Breast	8 ch. breast	8 ch. Breast
# of Echoes	1	1		1	1	1	1
ETL		12					
Center Frequency		Water		water	water	water	water
TE1 / TE2	Min	102		In Phase	In Phase	In Phase	In Phase
TR	150	4000					
TI							
Flip Angle	70	90		10	10	10	10
Bandwidth	32kHz	32kHz		32kHz	32kHz	32kHz	62kHz
Field of View	48 cm	18-22		18-22	18-22	18-22	28-36
Saturation Pulse	None	Fat Sat			Fat Sat	Fat Sat	F:sp
Slice Thicknes	10mm	3mm		3mm	3mm	3mm	3mm
Gap	2mm	1mm		0	0	0	0
Phase Encoding Steps	128	256		192	192	192	320
Frequency Steps	256	192		256	256	256	320
NEX	1	2		1	1	1	1
Frequency Direction	S/I	A/P		A/P	A/P	A/P	R/L
Offset							
Series Descriptor	Localizer	Sagittal T2 fat sat	Asset Calibration	Sagittal T1 non-fat Sat	Sagittal T1 fat sat pre	Sagittal T1 fat sat post	Axial T1 Vibrant post