

 University Health™	Policy #: Rad Proc 14. 17. 1
SUBJECT: SALINE IMPLANT BREAST	Effective: 10/1/2013 Reviewed: 2.2015; 2/2017
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Purpose: To provide MRI staff with approved protocol for performing a Saline Implant breast.

ORIENTATION: HEAD FIRST/SUPINE

COIL: HD BREAST

EXAM: SALINE BREAST IMPLANTS

PLANE	3 PLN LOC	CALIBRATION	AX T1 FREQ (A/P)	AX T2 FREQ (A/P)	AX T2 STIR ASSET	SAG T2 FS LT	SAG T2 FS RT	AX T2 IDEAL
SEQ	SSFSE	GRE	FSEXL	FSEXL	FSEIR	FSEXL	FSEXL	FRFSEXL
MODE	2D	2D	2D	2D	2D	2D	2D	2D
IMAGING OPTIONS	SEQ/FAST/SS	FAST/SS	FC/NPW/EDR/FAST	FC/NPW/EDR/FAST	FC/SEQ/TRF/FAST/ASSET	NPW/TRF/FAST	NPW/TRF/FAST	TRF/FAST/ASSET/FR/IDEAL
TE	80 ms+		MIN FULL	90 ms+	32 ms	90 ms+	90 ms+	90 ms +
TR	MIN		400-600 ms	3800 ms+	4000 ms+	3800 ms+	3800 ms+	3800 ms+
TI					150 ms			
FLIP ANGLE								
ETL			2	12-18	9	12-18	12-18	12
BW	83.33		15.63	15.63	31.25	20.83	20.83	50.00
FOV	40	48	36	36	36	20	20	36
SLICE THICKNESS	7	15	5	5	5	5	5	5
SLICE SPACING	5	0	1	1	1	1	1	1
Frequency	256		320	320	288	256	256	384
Phase	160		224	224	192	224	224	256
NEX			2	2	1	2	2	1
PHASE FOV	1				1			1
FREQ DIR	UNSWAP	A/P	A/P	A/P	A/P	A/P	A/P	A/P
FLOW COMP DIR			FREQ	FREQ	SLICE			
SHIM	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
PHASE CORRECT	OFF	OFF	ON	ON	OFF	ON	ON	ON

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NOTES: SAG T2 FSE FS RT & LT: Place shim volume to improve fat sat quality. Auto and manual pre-scan, go to CF fine and center on the water peak to suppress the fat. Hit done and then scan. AX T2 FSE IDEAL: DO NOT use IDEAL for silicone implants.

Note: Additional sequences may be requested at the discretion of the Radiologist monitoring the exam.