

Patient Name:  RT#:

**USER --> MR SIM --> CHEST --> PRONE BREAST**

		Technologist
<b>Setup</b>	Review prior images in PACS	
	Setup power injector (see Table 1)	
	Patient changed into gown	
	Remove base from Sentinelle coil	
	Sentinelle coil placed on couch as far forward as possible	
	External lasers reset (zeroed) prior to setting up patient	
	Center coil removed from Sentinelle coil but still plugged in	
	Left/right outer coils arranged for unilateral breast imaging	
	Pillows, styrofoam added to reproduce prone breast position	
	Position fiberglass breast bridge to block healthy breast	
	Place IV (left antecubital preferred)	
	Position head first prone, Straighten using external sagittal laser and patient black marks	
	Align affected breast using axial external laser	
	Head phones placed on patient	
External lasers turned off		
<b>Localizers</b>	Run "FH MR Sim OAR Check" workflow and verify breast position	
<b>Acquisition</b>	Center prescription on affected breast	
	Confirm positioning mode set to ISO for all sequences	
	Confirm auto-coil select off, coil selection appropriate, and coils same for each sequence	
	High order shim volume adjusted over body and copied to each sequence	
	Confirm intensity uniformity correction set to Pre-Scan Normalize	
	DWI: Adjust phase FOV to avoid aliasing	
	DWI: Optimize readout bandwidth to minimize effective echo spacing	
	If patient consented to research, run research sequences	
	Images screened for artifacts. If necessary, resolve artifact source and re-acquire	
	<b>Post-Scanning</b>	Do we have what we need? If not, resolve or repeat if necessary
	3D distortion correction applied to all images	
	3D distortion corrected images ( _DIS3D suffix) sent to MIM_Clinical	
	Non-distortion corrected images ( _ND or _DIS2D) deleted from PACS	
	Initials/Date:	

**Table 1: Power Injector Settings**

Contrast Media	Gadavist
Contrast Volume	0.1 mL/kg body weight
Injection Rate	2 mL/sec
Saline Flush	5.5 mL

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