

Patient Name: RT#:

USER --> MR SIM --> HEAD --> BRAIN

		Technologist	
Setup	Review prior images in PACS		
	If patient consented for research: Setup power injector (see Table 1)		
	Patient changed into gown		
	Use diagnostic brain MATRIX coil (no mask)		
	If patient consented for research: Place IV (left antecubital preferred)		
	Ear plugs placed on patient		
Localizers	External lasers turned off		
Acquisition	Scan prescription includes air superiorly through cerebellum		
	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 brain and copy to each sequence		
	Confirm intensity uniformity correction set to Pre-Scan Normalize		
	If "MR SIM with Interpretation", add missing diagnostic sequences		
	If patient consented to research: Run research sequences		
	If no research consent: Hand inject contrast volume		
	If no research consent: Contrast delay	0	sec
	Images screened for artifacts. If necessary, resolve artifact source and re-acquire		
Post-Scanning	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

Version 1.1
Date: 3/18/2020