Patient Name:	RT#:]
USED > MD SIM	> SARCOMA> U/L EXTREMITY		
USER> IVIR SIIVI	> SARCOWA> U/L EXTREMITY	Technologist	7
Setup	Review prior images in PACS	recimologist	1
	Patient changed into gown		1
	Load power injector (see Table 1)		1
	Flat table overlay positioned on MRI couch and covered with sheet		1
	External lasers reset (zeroed) prior to setting up patient		1
	Place IV (left antecubital prefered)		1
	If lower extremity tumor, position patient foot-first; otherwise head first		1
	Shift target volume as close to center of bore as possible		1
	Confirm target volume above S8 on spine coil		1
ost-op patient: Ke	ep three fiducial markers placed during CT sim in position for MR Sim		1
	Post-op patient: add fiducials on superior and inferior edges of scar		1
Wrap larg	e, flexible, body MATRIX coil around patient and secured with straps		1
	lges or pads to prevent MATRIX coil from deforming surface anatomy		1
	Headphones placed on patient		1
	External lasers turned off		1
Localizers	Confirm no orange FOV limits (if so, reposition patient)		1
Acquisition	Center prescriptions over target volume		1
Po	st-op patient: Superior/Inferior slice coverage extends fiducials + 5cm		1
	Confirm positioning mode set to ISO for all sequences		1
confirm auto-coil se	lect off, coil selection appropriate, and coils same for each sequence		1
	h order shim volume adjusted over brain and copy to each sequence		1
9	Confirm intensity uniformity correction set to Pre-Scan Normalize		1
	Choose phase-encode direction to reduce breathing/flow artifacts		1
Jse Ctrl+3, Ctrl+4 to	o align UPPER and LOWER axial groups. Do not junction over tumor		1
	change scan parameters between UPPER and LOWER axial groups		1
	High bandwidths or WARP used for metallic implants		1
	DWI: Optimize readout bandwidth to minimize effective echo spacing		1
	If "MR SIM with Interpretation", add missing diagnostic sequences		1
	If patient consented to research, run research sequences		1
Multiphase Dynai	mic Contrast Timing bolus contrast delay	12-15	sec
	Did fat-sat work? If not, fix before injecting		
Images scree	ened for artifacts. If necessary, resolve artifact source and re-acquire		
Post-Scanning	Merge UPPER and LOWER axial slice groups in 3D Viewer]
3D distortion of	correction applied to all images (Evaluation>3D Distortion Correction)]
_DIS3D imag		_	
	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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