

1.5T ADNI GE 11.0 M4 Software, Phantom QC
TwinSpeed Gradient and single-channel birdcage head coil

Set up the phantom according to the ADNI instruction manual.

Use the electronic ADNI protocol that has been loaded on your scanner.

NOTE: The "adni" pulse sequence used for series 2 and 3 is a works in progress pulse sequence that ADNI sites obtain from GE Healthcare.

SERIES	1. 3 plane loc.	scan plane mode SAT	<i>IMAGING PARAMETERS</i>		<i>ACQUISITION TIMING</i>	
	coil HEAD		3-plane (Whole Body gradient)	matrix/nex	256 / 128 / 1	
	etl			fov (cm)	26	
	scan time :16			slice/space autoshim	5 / 5 On	
comments	_____					

SERIES	2. Sag QC MPRAGE	scan plane mode pulse seq image opts. psd name User CVs	<i>IMAGING PARAMETERS</i>		<i>ACQUISITION TIMING</i>	
	coil HEAD		Sag 3D (ZOOM gradient)	matrix/nex	192 / 192 / 1	
	#echos te		SPGR	phase fov locs/pause		
	Prep time flip angle etl		EDR, IrPrep, Fast adni	freq. direct. fc direct phase corr autoshim	S/l On	
	<i>SCAN TIMING</i>		<i>ADDITIONAL PARAMETERS</i>			
bw1/bw2 scan time	1 min full 1000 8 15.63 9:36		Filter Choices = none turbo mode = 1 swap fat chem shift = 1 mprage mode = 1 TD or mprageTR=3000	fov slice/space		<i>SCANNING RANGE</i> 24 1.3mm 184 locs/slab
comments	Cover the phantom					