

3.0T ADNI GE VH3 M4 Software, QC Phantom
CRM Gradient and a Single-Channel Birdcage Head Coil

Set up the phantom according to the ADNI instruction manual. Use the transmit/receive head coil

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

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

SERIES coil etl scan time	1. 3 plane loc.	scan plane mode SAT	<i>IMAGING PARAMETERS</i>		<i>ACQUISITION TIMING</i>	
	head		3-plane	matrix/nex	256 / 128 / 1	
				fov (cm)	26	
	:19			slice/space	5 / 5	
			autoshim	On		
comments	Use the birdcage head coil					

SERIES coil #echos te Prep time flip angle etl bw1/bw2 scan time	2. Sag MPRAGE	scan plane mode pulse seq image opts. psd name	<i>IMAGING PARAMETERS</i>		<i>ACQUISITION TIMING</i>	
	head		Sag	matrix/nex	256 / 256 / 1	
			3D	phase fov	0.94	
	<i>SCAN TIMING</i>		SPGR	locs/pause		
	1	EDR, IrPrep, Fast	freq. direct.	S/I		
	min full	adni	fc direct			
	900	<i>ADDITIONAL PARAMETERS</i> User CVs	phase corr			
	8		Inv. Pulse = 1 Adiabatic	autoshim	On	
			swap fat chem shift = 1	<i>SCANNING RANGE</i>		
	31.25		mprage mode =1	fov	26	
9:14	TD or mprageTR=2300	slice/space	1.3mm 170 locs/slab			
comments	Cover the phantom					