

1.5T ADNI GE 11.0 M4 Software, QC Phantom
BRM Gradient and 8-channel Brain Coil

Set up the phantom according to the ADNI instruction manual. Use the 8-channel brain 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	1. 3 plane loc.	scan plane mode SAT	<i>IMAGING PARAMETERS</i>		<i>ACQUISITION TIMING</i>	
	coil 8hrbrain		3-plane	matrix/nex	256 / 128 / 1	
	etl			fov (cm)	26	
	scan time :16			slice/space autoshim	5 / 5 On	
comments	Use 8-channel brain coil.					

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 8hrbrain		Sag	matrix/nex	192 / 192 / 1	
	#echos te		3D	phase fov		
	Prep time flip angle etl		SPGR	locs/pause	S/l	
bw1/bw2	1	EDR, IrPrep, Fast	freq. direct.			
scan time	min full	adni	fc direct			
	1000		phase corr			
	8		autoshim	On		
	15.63			<i>SCANNING RANGE</i>		
	7:41		fov	24		
			slice/space	1.3mm 170 locs/slab		
comments	Cover the phantom.					