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 "adni14m4" pulse sequence used for series 2 is a works in progress pulse sequence that ADNI sites obtain from GE Healthcare.

Accept the "First Operating Mode" pop-up in Series 1. Consult the scanner's user's manual to understand this choice, and its implications.

		IMAGING PARAMETERS		ACQUISITION TIMING
1. 3 plane loc.	scan plane	3-plane	matrix/nex	256 / 128 / 1
8hrbrain	mode	(Whole Body gradient)	fov (cm)	26
	SAT		slice/space	5/5
:13			autoshim	On
Har O also and back and		-	_	-
Use 8-channel brain coll.				
		IMAGING PARAMETERS		ACQUISITION TIMING
2. Sag QC MPRAGE	scan plane		matrix/nex	256 / 256 / 1
8hrbrain	mode	3D (ZOOM gradient)	phase fov	0.94
SCAN TIMING	pulse seq	SPGR	locs/pause	
1	image opts.	EDR, IrPrep, Fast	freq. direct.	S/I
min full	psd name	adni14m4	fc direct	
900		ADDITIONAL PARAMETERS	phase corr	
8		Filter Choices = none	autoshim	On
	User CVs	turbo mode = 1		SCANNING RANGE
31.25		Inversion pulse type=1	fov	26
9:17		swap fat chem shift = 1	slice/space	1.3mm 170 locs/slab
		mprage mode = 1		
		TD or mprageTR = 2300		
Cover the phantom.				
	8hrbrain :13 Use 8-channel brain coil. 2. Sag QC MPRAGE 8hrbrain SCAN TIMING 1 min full 900 8 31.25 9:17	8hrbrain mode SAT :13 Use 8-channel brain coil. 2. Sag QC MPRAGE 8hrbrain mode SCAN TIMING 1 image opts. psd name 900 8 User CVs 31.25 9:17	1. 3 plane loc. 8hrbrain SAT SAT SAT 3-plane (Whole Body gradient) (Whole Body gradient) IMAGING PARAMETERS Sag 3D (ZOOM gradient) SCAN TIMING pulse seq image opts. psd name SPGR EDR, IrPrep, Fast adni14m4 ADDITIONAL PARAMETERS Filter Choices = none turbo mode = 1 Inversion pulse type=1 swap fat chem shift = 1 mprage mode = 1 TD or mprageTR = 2300	Sam plane Sam