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.

			IMAGING PARAMETERS			*ACQUISITION TIMING*
SERIES	1. 3 plane loc.	scan plane	3-plane	matrix/nex		256 / 128 / 1
coil	8hrbrain	mode	(Whole Body gradient)	fov (cm)		26
etl		SAT		slice/space		5 / 5
scan time	:13			autoshim		On
comments	Use 8-channel brain coil.					

			IMAGING PARAMETERS			*ACQUISITION TIMING*
SERIES	2. Sag MPRAGE	scan plane	Sag	matrix/nex		192 / 192 / 1
coil	8hrbrain	mode	3D (ZOOM gradient)	phase fov		
	SCAN TIMING	pulse seq	SPGR	locs/pause		
#echos	1	image opts.	EDR, IrPrep, Fast	freq. direct.		S/I
te	min full	psd name	adni	fc direct		
Prep time	1000		*ADDITIONAL PARAMETERS*	phase corr		
flip angle	8		Image acq. delay = 0	autoshim		On
etl		User CVs	turbo mode = 1			*SCANNING RANGE*
bw1/bw2	15.63		swap fat chem shift = 1	fov		24
scan time	7:42		slice resolution = 100%	slice/space		1.3mm 170 locs/slab
			mprage mode = 1			
			TD or mprageTR=2400			
comments	Cover the phantom					