LOCALISER

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	Gradient Echo
Plane	3-PLANE	Imaging Options	Seq, Fast
Series Description	LOCALISER	Acceleration Factor	1.00
SCAN RANGE		**IMAGE ENHANCE**	
FOV	24.0	Filter Choice	None
Slice Thickness	5.0		
Slice Spacing	0.5		
ACQ TIMING		**GATING/TRIGGER**	
Freq	256	Auto Trigger Type	Off
Phase	128		
Freq DIR	Unswap		
NEX	1.00		
Phase FOV	1.00		
Auto Shim	Auto		
Phase Correction	No		
FMRI		**MULTI-PHASE**	
Initial State	Control	# of Acquisition	0
PSD Trigger	Internal	Seperate Series	0
Slice Order	Interleaved	Mask Phase	0
View Order	Bottom/Up	Mask Pause	0
# of Repetitions REST	3		
# of Repetitions ACTIVE	3		
SAT		**ASSET**	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00
TRICKS		**CONTRAST**	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		
MULTI-STATION			
Number of Stations	0		
Station Number	0		

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PATIENT POSITION

Patient Entry	Head First
Patient Position	Supine
Coil Configuration	8HRBRAIN
Plane	AXIAL
Series Description	ASSET Cal

SCAN TIMING

Number of Echoes	1

IMAGE ENHANCE

Filter Choice	None

GATING/TRIGGER

Auto Trigger Type	Off

SAT

Tag Type	None

CONTRAST

Contrast Yes/No	No

IMAGING PARAMETERS

Gradient Mode	WHOLE
Imaging Mode	2D
Pulse Sequence	Gradient Echo
Imaging Options	Fast, Calib

SCAN RANGE

FOV	30.0
Slice Thickness	8.0
Slice Spacing	0.0

ACQ TIMING

Freq DIR	R/L
Auto Shim	Auto
Phase Correction	No

MULTI-PHASE

Seperate Series	0
Mask Phase	0
Mask Pause	0

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

MULTI-STATION

Number of Stations	0
Station Number	0

ASSET Cal

ASSET Cal

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	3D
Coil Configuration	8HRBRAIN	Pulse Sequence	SPGR
Plane	SAGITTAL	Imaging Options	EDR, Fast, IrP
Series Description	ADNI MPRAGE	PSD Name	/usr/g/bin/adni14m4
		Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
Flip Angle	8	FOV	28.0
TE	Min Full	Slice Thickness	1.1
Number of Echoes	1	Location per Slab	170
TI	900	Overlap Locations	0
Receiver Bandwidth	31.25		

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
		Phase	256
		Freq DIR	S/I
		NEX	1.00
		Phase FOV	0.94
		Auto Shim	Auto
		Phase Correction	No

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV6	1.00
		User CV17	1.00
		User CV18	1.00
		User CV23	100.00
		User CV24	2300.00

FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		

SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00

TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION	
Number of Stations	0

ADNI MPRAGE

Station Number	0

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	FRFSE-XL
Plane	OBLIQUE	Imaging Options	FC, TRF, Fast, ZIP512, Asset, FR
Series Description	T2	Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
TE	60.0	FOV	24.0
Number of Echoes	1	Slice Thickness	4.0
TR	4380.0	Slice Spacing	0.0
Echo Train Length	19		
Receiver Bandwidth	25.00		

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	320
		Phase	320
		Freq DIR	A/P
		NEX	1.00
		# of Acq. Before Pause	0
		Phase FOV	0.75
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV20	0.0

FMRI		MULTI-PHASE	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		

SAT		ASSET	
SAT Location	I	Slice Acceleration Factor	1.00
Tag Type	None	Phase Acceleration Factor	2.00

TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION	
Number of Stations	0
Station Number	0

T2

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FLAIR

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	T2flair
Plane	OBLIQUE	Imaging Options	FC, TRF, Fast, ZIP512
Series Description	FLAIR	Acceleration Factor	1.00
SCAN TIMING		**SCAN RANGE**	
TE	120.0	FOV	24.0
Number of Echoes	1	Slice Thickness	4.0
TR	8000.0	Slice Spacing	0.0
TI	2000		
Receiver Bandwidth	25.00		
IMAGE ENHANCE		**ACQ TIMING**	
Filter Choice	None	Freq	256
		Phase	128
		Freq DIR	A/P
		NEX	1.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
GATING/TRIGGER		**USER CVS**	
Auto Trigger Type	Off	User CV3	2.00
		User CV20	0.0
FMRI		**MULTI-PHASE**	
PSD Trigger	Internal	# of Acquisition	0
Slice Order	Interleaved	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0		
SAT		**ASSET**	
SAT Location	I	Slice Acceleration Factor	1.00
Tag Type	None	Phase Acceleration Factor	1.00
TRICKS		**CONTRAST**	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		
MULTI-STATION			
Number of Stations	0		
Station Number	0		

FLAIR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	*Head First*	**Gradient Mode**	*ZOOM*
Patient Position	*Supine*	**Imaging Mode**	*2D*
Coil Configuration	*8HRBRAIN*	**Pulse Sequence**	*Gradient Echo*
Plane	*OBLIQUE*	**Imaging Options**	*EPI, Asset, FMRI*
Series Description	*EPI MID (IMAGEN 2)*	**Acceleration Factor**	*1.00*
SCAN TIMING		**SCAN RANGE**	
Flip Angle	*75*	**FOV**	*21.8*
TE	*30.0*	**Slice Thickness**	*2.4*
Number of Echoes	*1*	**Slice Spacing**	*1.0*
TR	*2200.0*		
Number of Shots	*1*		
IMAGE ENHANCE		**ACQ TIMING**	
Filter Choice	*None*	**Freq**	*64*
		Phase	*64*
		Freq DIR	*R/L*
		NEX	*1.00*
		Phase FOV	*1.00*
		Auto Shim	*Auto*
		Phase Correction	*Yes*
GATING/TRIGGER		**USER CVS**	
Auto Trigger Type	*Off*	**User CV0**	*1.00*
FMRI		**MULTI-PHASE**	
Brain Wave Real Time	*1*	**Slice per Location**	*191*
Paradigm String	*IMAGENB - MID*	**Delay after Acquisition**	*0*
Paradigm UID	*1.2.840.113819.3.6034287119 6.1192025176.127*	**# of Acquisition**	*0*
Initial State	*Control*	**Seperate Series**	*0*
PSD Trigger	*Internal*	**Delay after Acquisition without AV**	*0*
Slice Order	*Sequential*	**Mask Phase**	*0*
View Order	*Bottom/Up*	**Mask Pause**	*0*
# of Repetitions REST	*1*		
# of Repetitions ACTIVE	*1*		
# of Dummy Acquisition	*3*		
SAT		**ASSET**	
Tag Type	*None*	**Slice Acceleration Factor**	*1.00*
		Phase Acceleration Factor	*2.00*
TRICKS		**CONTRAST**	
Pause On/Off	*On*	**Contrast Yes/No**	*No*
Auto Subtract	*0*		

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Auto SCIC	*Off*
MULTI-STATION	
Number of Stations	*0*
Station Number	*0*

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	Gradient Echo
Plane	OBLIQUE	Imaging Options	EPI, Asset, FMRI
Series Description	EPI stop signal (IMAGEN 2)	Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
Flip Angle	75	FOV	21.8
TE	30.0	Slice Thickness	2.4
TR	2200.0	Slice Spacing	1.0
Number of Shots	1		

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1.00

FMRI		MULTI-PHASE	
Brain Wave Real Time	1	Slice per Location	350
Paradigm String	IMAGENB - Stop Signal	Delay after Acquisition	0
Paradigm UID	1.2.840.113819.3.6034287119 6.1208955039.971	# of Acquisition	0
Initial State	Control	Seperate Series	0
PSD Trigger	Internal	Delay after Acquisition without AV	0
Slice Order	Sequential	Mask Phase	0
View Order	Bottom/Up	Mask Pause	0
# of Repetitions REST	1		
# of Repetitions ACTIVE	1		
# of Dummy Acquisition	3		

SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	2.00

TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION

Number of Stations	*0*
Station Number	*0*

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	Gradient Echo
Plane	OBLIQUE	Imaging Options	EPI, Asset, FMRI
Series Description	EPI faces (IMAGEN 2)	Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
Flip Angle	75	FOV	21.8
TE	30.0	Slice Thickness	2.4
TR	2200.0	Slice Spacing	1.0
Number of Shots	1		

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1.00

FMRI		MULTI-PHASE	
Brain Wave Real Time	1	Slice per Location	197
Paradigm String	IMAGENB - Faces	Delay after Acquisition	0
Paradigm UID	1.2.840.113819.3.6034287119 6.1208954758.406	# of Acquisition	0
Initial State	Control	Seperate Series	0
PSD Trigger	Internal	Delay after Acquisition without AV	0
Slice Order	Sequential	Mask Phase	0
View Order	Bottom/Up	Mask Pause	0
# of Repetitions REST	1		
# of Repetitions ACTIVE	1		
# of Dummy Acquisition	3		

SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	2.00

TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION			

Protocol: IMAGENB 1 6 8

Number of Stations	*0*
Station Number	*0*

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	Spin Echo
Plane	OBLIQUE	Imaging Options	FC
Series Description	FIELDMAP 8 CHANNEL	PSD Name	/usr/g/cns/spgtdjl/fcmempase
		Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
TE	16.0	FOV	25.6
Number of Echoes	1	Slice Thickness	4.0
TR	2200.0	Slice Spacing	0.0
Receiver Bandwidth	8.06		

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	A/P
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	User CV0	1136.00

FMRI		MULTI-PHASE	
Brain Wave Real Time	1	# of Acquisition	0
Paradigm String	IMAGEN - Global_correc	Seperate Series	0
Paradigm UID	1.2.840.113819.3.6034287119 6.1192025176.127	Mask Phase	0
Initial State	Control	Mask Pause	0
PSD Trigger	Internal		
Slice Order	Sequential		
View Order	Bottom/Up		
# of Repetitions REST	1		
# of Repetitions ACTIVE	1		
# of Dummy Acquisition	3		

SAT		ASSET	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	1.00

TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION

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Number of Stations	*0*
Station Number	*0*

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Gradient Mode	ZOOM
Patient Position	Supine	Imaging Mode	2D
Coil Configuration	8HRBRAIN	Pulse Sequence	Gradient Echo
Plane	OBLIQUE	Imaging Options	EPI, Asset, FMRI
Series Description	EPI REST (IMAGEN 2)	Acceleration Factor	1.00
SCAN TIMING		**SCAN RANGE**	
Flip Angle	75	FOV	21.8
TE	30.0	Slice Thickness	2.4
Number of Echoes	1	Slice Spacing	1.0
TR	2200.0		
Number of Shots	1		
IMAGE ENHANCE		**ACQ TIMING**	
Filter Choice	None	Freq	64
		Phase	64
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes
GATING/TRIGGER		**USER CVS**	
Auto Trigger Type	Off	User CV0	1.00
FMRI		**MULTI-PHASE**	
Brain Wave Real Time	1	Slice per Location	164
Paradigm String	IMAGENB - RESTING STATE	Delay after Acquisition	0
Paradigm UID	1.2.840.113819.3.6034287119 6.1224159165.89	# of Acquisition	0
Initial State	Control	Seperate Series	0
PSD Trigger	Internal	Delay after Acquisition without AV	0
Slice Order	Sequential	Mask Phase	0
View Order	Bottom/Up	Mask Pause	0
# of Repetitions REST	1		
# of Repetitions ACTIVE	1		
# of Dummy Acquisition	3		
SAT		**ASSET**	
Tag Type	None	Slice Acceleration Factor	1.00
		Phase Acceleration Factor	2.00
TRICKS		**CONTRAST**	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	Off		

MULTI-STATION	
Number of Stations	*0*
Station Number	*0*

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	**Gradient Mode**	ZOOM
Patient Position	Supine	**Imaging Mode**	2D
Coil Configuration	8HRBRAIN	**Pulse Sequence**	Spin Echo
Plane	OBLIQUE	**Imaging Options**	Gat, EPI, DIFF, Asset
Series Description	DTI	**PSD Name**	/usr/g/cns/bin/dti_CNS_08
		Acceleration Factor	1.00

SCAN TIMING		SCAN RANGE	
TE	Minimum	**FOV**	30.7
Number of Echoes	1	**Slice Thickness**	2.4
Number of Shots	1	**Slice Spacing**	0.0

IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	**Freq**	128
		Phase	128
		Freq DIR	R/L
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	Yes

GATING/TRIGGER		USER CVS	
Auto Trigger Type	Off	**User CV11**	1.00
Trigger Type	5		
Minimum Trigger Delay	1		
Phase Select	Single Phase		
Cardiac Phase	1		
Cardiac Slices	1		

FMRI		MULTI-PHASE	
PSD Trigger	Internal	**# of Acquisition**	0
Slice Order	Interleaved	**Seperate Series**	0
View Order	Bottom/Up	**Inter-Delay**	Minimum
# of Repetitions REST	0	**Mask Phase**	0
# of Repetitions ACTIVE	0	**Mask Pause**	0

SAT		DIFFUSION	
Tag Type	None	**B Value**	1300
		Optimized TE	No
		Diffusion Directions	Tensor
		Number of Diffusion Directions	32
		Number of T2 Images	4
		Dual Spin Echo	On
		Diffusion Tenser Processing Output	No Selection

DTI

		Recon All Images	*Off*
ASSET		**TRICKS**	
Slice Acceleration Factor	*1.00*	**# of RR Intervals**	*30*
Phase Acceleration Factor	*2.00*	**Trigger Delay**	*15*
		Pause On/Off	*On*
		Auto Subtract	*0*
		Auto SCIC	*Off*
CONTRAST		**MULTI-STATION**	
Contrast Yes/No	*No*	**Number of Stations**	*0*
		Station Number	*0*