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 TIMING		**SCAN RANGE**	
Number of Echoes	1	FOV	24.0
		Slice Thickness	5.0
		Slice Spacing	0.5
IMAGE ENHANCE		**ACQ TIMING**	
Filter Choice	None	Freq	256
		Phase	128
		Freq DIR	Unswap
		NEX	1.00
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		**FMRI**	
Auto Trigger Type	Off	PSD Trigger	Internal
		Slice Order	Interleaved
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		**SAT**	
# of Acquisition	0	Tag Type	None
Seperate Series	0		
Mask Phase	0		
Mask Pause	0		
ASSET		**TRICKS**	
Slice Acceleration Factor	1.00	Pause On/Off	On
Phase Acceleration Factor	1.00	Auto Subtract	0
		Auto SCIC	Off
CONTRAST		**MULTI-STATION**	
Contrast Yes/No	No	Number of Stations	0
		Station Number	0

LOCALISER

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

MULTI-PHASE

# of Acquisition	0
Seperate Series	0
Mask Phase	0
Mask Pause	0

ASSET

Slice Acceleration Factor	1.00
Phase Acceleration Factor	1.00

CONTRAST

Contrast Yes/No	No

IMAGING PARAMETERS

Gradient Mode	WHOLE
Imaging Mode	2D
Pulse Sequence	Gradient Echo
Imaging Options	Fast, Calib
Acceleration Factor	1.00

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

FMRI

PSD Trigger	Internal
Slice Order	Interleaved
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0

SAT

Tag Type	None

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

MULTI-STATION

Number of Stations	0
Station Number	0

ASSET Cal

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PATIENT POSITION

Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*8HRBRAIN*
Plane	*SAGITTAL*
Series Description	*short MPRAGE*

SCAN TIMING

Flip Angle	*8*
TE	*Min Full*
Number of Echoes	*1*
TI	*900*
Receiver Bandwidth	*31.25*

IMAGE ENHANCE

Filter Choice	*None*

GATING/TRIGGER

Auto Trigger Type	*Off*

FMRI

PSD Trigger	*Internal*
Slice Order	*Interleaved*
View Order	*Bottom/Up*
# of Repetitions REST	*0*
# of Repetitions ACTIVE	*0*

SAT

Tag Type	*None*

TRICKS

Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*Off*

MULTI-STATION

Number of Stations	*0*

IMAGING PARAMETERS

Gradient Mode	*ZOOM*
Imaging Mode	*3D*
Pulse Sequence	*SPGR*
Imaging Options	*EDR, Fast, IrP, Asset*
PSD Name	*/usr/g/bin/adni14m4*
Acceleration Factor	*1.00*

SCAN RANGE

FOV	*28.0*
Slice Thickness	*1.1*
Location per Slab	*170*
Overlap Locations	*0*

ACQ TIMING

Freq	*256*
Phase	*128*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*0.94*
Auto Shim	*Auto*
Phase Correction	*No*

USER CVS

User CV6	*1.00*
User CV17	*1.00*
User CV18	*1.00*
User CV23	*100.00*
User CV24	*2300.00*

MULTI-PHASE

# of Acquisition	*0*
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*

ASSET

Slice Acceleration Factor	*1.00*
Phase Acceleration Factor	*2.00*

CONTRAST

Contrast Yes/No	*No*

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 short MID	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	300
Paradigm String	IMAGEN - Short 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		
Auto SCIC	Off		

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

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	8HRBRAIN
Plane	OBLIQUE
Series Description	EPI global

SCAN TIMING	
Flip Angle	75
TE	30.0
Number of Echoes	1
TR	2200.0
Number of Shots	1

IMAGE ENHANCE	
Filter Choice	None

GATING/TRIGGER	
Auto Trigger Type	Off

FMRI	
Brain Wave Real Time	1
Paradigm String	IMAGEN - Global
Paradigm UID	1.2.840.113819.3.6034287119 6.1192025176.127
Initial State	Control
PSD Trigger	Internal
Slice Order	Sequential
View Order	Bottom/Up
# of Repetitions REST	1
# of Repetitions ACTIVE	1
# of Dummy Acquisition	3

SAT	
Tag Type	None

TRICKS	
Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

IMAGING PARAMETERS	
Gradient Mode	ZOOM
Imaging Mode	2D
Pulse Sequence	Gradient Echo
Imaging Options	EPI, Asset, FMRI
Acceleration Factor	1.00

SCAN RANGE	
FOV	21.8
Slice Thickness	2.4
Slice Spacing	1.0

ACQ TIMING	
Freq	64
Phase	64
Freq DIR	R/L
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes

USER CVS	
User CV0	1.00

MULTI-PHASE	
Slice per Location	140
Delay after Acquisition	0
# of Acquisition	0
Seperate Series	0
Delay after Acquisition without AV	0
Mask Phase	0
Mask Pause	0

ASSET	
Slice Acceleration Factor	1.00
Phase Acceleration Factor	2.00

CONTRAST	
Contrast Yes/No	No

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 BH calibration	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	156
Paradigm String	IMAGEN - BH	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*

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	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	187
Paradigm String	IMAGEN - 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		

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

|

PATIENT POSITION

Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*8HRBRAIN*
Plane	*OBLIQUE*
Series Description	*FIELDMAP 8 CHANNEL*

IMAGING PARAMETERS

Gradient Mode	*ZOOM*
Imaging Mode	*2D*
Pulse Sequence	*Spin Echo*
Imaging Options	*FC*
PSD Name	*/usr/g/cns/spgtdjl/fcmempase*
Acceleration Factor	*1.00*

SCAN TIMING

TE	*16.0*
Number of Echoes	*1*
TR	*2200.0*
Receiver Bandwidth	*8.06*

SCAN RANGE

FOV	*25.6*
Slice Thickness	*4.0*
Slice Spacing	*0.0*

IMAGE ENHANCE

Filter Choice	*None*

ACQ TIMING

Freq	*64*
Phase	*64*
Freq DIR	*A/P*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*Auto*
Phase Correction	*No*

GATING/TRIGGER

Auto Trigger Type	*Off*

USER CVS

User CV0	*1136.00*

FMRI

Brain Wave Real Time	*1*
Paradigm String	*IMAGEN - Global_correc*
Paradigm UID	*1.2.840.113819.3.6034287119 6.1192025176.127*
Initial State	*Control*
PSD Trigger	*Internal*
Slice Order	*Sequential*
View Order	*Bottom/Up*
# of Repetitions REST	*1*
# of Repetitions ACTIVE	*1*
# of Dummy Acquisition	*3*

MULTI-PHASE

# of Acquisition	*0*
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*

SAT

Tag Type	*None*

ASSET

Slice Acceleration Factor	*1.00*
Phase Acceleration Factor	*1.00*

TRICKS

Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*Off*

CONTRAST

Contrast Yes/No	*No*

MULTI-STATION

Property of **Wed Apr 20 17:10:23 BST 2016**

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**	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

ASSET		TRICKS	
		Recon All Images	Off
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

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