Protocol: adult_other_ADRC_CORE-(10-11-2018)

FGRE

PATIENT POSITION	
Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*3-PLANE*
Series Description	*FGRE*

SCAN TIMING	
Number of Echoes	*1*

IMAGE ENHANCE	
Filter Choice	*None*

GATING/TRIGGER	
Auto Trigger Type	*Off*
Pause After Navigator Prescan	*0*

FMRI	
PSD Trigger	*Internal*
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*

IMAGING PARAMETERS	
Imaging Mode	*2D*
Pulse Sequence	*Gradient Echo*
Imaging Options	*Seq, Fast*
IDEAL	*1*

SCAN RANGE	
FOV	*32.0*
Slice Thickness	*5.0*
Slice Spacing	*5.0*

ACQ TIMING	
Freq	*256*
Phase	*128*
Freq DIR	*Unswap*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*Auto*
Phase Correction	*No*
RF Drive Mode	*Preset*
Excitation Mode	*Selective*

USER CVS	
User CV20	*1.00*
User CV Mask2	*0*

MULTI-PHASE	
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION	
Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST	
Contrast Yes/No	*No*

FGRE

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	SPGR
Coil Configuration	GE21chHNAFace;GE32chT DIPA	Imaging Options	EDR, Fast, ZIP2, Calib
Plane	AXIAL	**SCAN RANGE**	
Series Description	3D Calibration	FOV	30.0
SCAN TIMING		Slice Thickness	10.0
Number of Echoes	1	**ACQ TIMING**	
IMAGE ENHANCE		Freq DIR	R/L
Filter Choice	None	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	RF Drive Mode	Preset
FMRI		Excitation Mode	Selective
PSD Trigger	Internal	**USER CVS**	
Slice Order	Interleaved	User CV Mask2	0
View Order	Bottom/Up	**MULTI-PHASE**	
# of Repetitions REST	0	Seperate Series	0
# of Repetitions ACTIVE	0	Mask Phase	0
SAT		Mask Pause	0
Tag Type	None	Preserve	0
TRICKS		**DIFFUSION**	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	Multi b-values	1000.0;
Auto SCIC	Off	Multi NEX Values	1;
		# Synthetic b-values	1
		Synthetic b-value	1000.0;
		CONTRAST	
		Contrast Yes/No	No

3D Calibration

PATIENT POSITION

Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*SAGITTAL*
Series Description	*mADNI3_T1*

SCAN TIMING

Flip Angle	*11*
TE	*Min Full*
Number of Echoes	*1*
TI	*400*
Receiver Bandwidth	*31.25*

IMAGE ENHANCE

Filter Choice	*None*

GATING/TRIGGER

Auto Trigger Type	*Off*

FMRI

PSD Trigger	*Internal*
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	*2*

IMAGING PARAMETERS

Imaging Mode	*3D*
Pulse Sequence	*SPGR*
Imaging Options	*EDR, Fast, Asset, IrP*
Phase	*2.00*

SCAN RANGE

FOV	*25.6*
Slice Thickness	*1.0*
Location per Slab	*240*
Overlap Locations	*0*

ACQ TIMING

Freq	*256*
Phase	*256*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*On*
Phase Correction	*No*
RF Drive Mode	*Preset*
Excitation Mode	*Non-Selective*

USER CVS

User CV6	*1.00*
User CV23	*100.00*
User CV30	*1.00*
User CV41	*5.00*
User CV Mask2	*512*

MULTI-PHASE

Seperate Series	*0*
Trigger Delay without AV	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION

Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST

Contrast Yes/No	*No*

mADNI3_T1

Sag T2 FLAIR CUBE

PATIENT POSITION	
Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*SAGITTAL*
Series Description	*Sag T2 FLAIR CUBE*

SCAN TIMING	
TE	*105.0*
Number of Echoes	*1*
TR	*6000.0*
TI	*1698*
Echo Train Length	*170*
Receiver Bandwidth	*35.71*

IMAGE ENHANCE	
Filter Choice	*None*

GATING/TRIGGER	
Auto Trigger Type	*Off*

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

SAT	
Tag Type	*None*
Fat/Water Saturation	*Fat*

TRICKS	
Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*2*

IMAGING PARAMETERS	
Imaging Mode	*3D*
Pulse Sequence	*Cube T2 FLAIR*
Imaging Options	*EDR, Fast, ZIP512, ZIP2, T2P, ARC, HS, IrP*
Phase	*2.00*
Slice	*2.00*
HyperSense	*1.00*

SCAN RANGE	
FOV	*25.0*
Slice Thickness	*1.6*
Location per Slab	*128*
Overlap Locations	*0*

ACQ TIMING	
Freq	*256*
Phase	*256*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*0.90*
Auto Shim	*Auto*
Phase Correction	*No*
RF Drive Mode	*Optimized*
Excitation Mode	*Non-Selective*

USER CVS	
User CV5	*1.00*
User CV30	*1.00*
User CV41	*5.00*
User CV Mask2	*1536*

MULTI-PHASE	
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION	
Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST	
Contrast Yes/No	*No*

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	GE48chHeadAnt;GE48chHeadPos	Imaging Options	EPI, Asset
Plane	AXIAL	Phase	2.00
Series Description	Pseudoswan	**SCAN RANGE**	
SCAN TIMING		FOV	24.0
Flip Angle	60	Slice Thickness	3.0
TE	35.0	Slice Spacing	1.0
Number of Echoes	1	**ACQ TIMING**	
TR	2000.0	Freq	256
Number of Shots	2	Phase	512
IMAGE ENHANCE		Freq DIR	R/L
Filter Choice	None	NEX	1.00
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
Pause After Navigator Prescan	0	Phase Correction	Yes
FMRI		RF Drive Mode	Quadrature
PSD Trigger	Internal	Excitation Mode	Selective
View Order	Bottom/Up	**USER CVS**	
# of Repetitions REST	0	User CV0	1.00
# of Repetitions ACTIVE	0	User CV41	5.00
SAT		User CV Mask2	1024
Tag Type	None	**MULTI-PHASE**	
TRICKS		Seperate Series	0
Pause On/Off	On	Mask Phase	0
Auto Subtract	0	Mask Pause	0
Auto SCIC	2	Preserve	0
		DIFFUSION	
		Recon All Images	On
		Multi b-values	1000.0;
		Multi NEX Values	1.0;
		# Synthetic b-values	1
		Synthetic b-value	1000.0;
		CONTRAST	
		Contrast Yes/No	No

Pseudoswan

Wed Oct 17 09:22:07 CDT 2018

Ax DWI asset

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	GE48chHeadAnt;GE48chHeadPos
Plane	AXIAL
Series Description	Ax DWI asset

SCAN TIMING	
TE	Minimum
Number of Echoes	1
TR	6275.0
Number of Shots	1

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

OTHERS	
Protocol Notes	-Center Rx and verify that you have full brain coverage -After scan is finished, load the DWI images into functool -Click on ADC -Slide threshold bar so that you have only solid green lines in brain and no small green circles/dots -Right click on bottom right images and select color ramps-->gray levels -Click on film/save/report-->functional map -->multiple locations-->Next-->Save as processed images-->Save

IMAGING PARAMETERS	
Imaging Mode	2D
Pulse Sequence	Spin Echo
Imaging Options	EPI, DIFF, Asset
Phase	2.00

SCAN RANGE	
FOV	24.0
Slice Thickness	5.0
Slice Spacing	1.0

ACQ TIMING	
Freq	128
Phase	128
Freq DIR	R/L
Phase FOV	1.00
Auto Shim	Off
Phase Correction	Yes
RF Drive Mode	Quadrature
Excitation Mode	Selective

USER CVS	
User CV0	1.00
User CV5	1.00
User CV Mask2	0

MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION	
Optimized TE	Yes
Diffusion Directions	All
Number of Diffusion Directions	3
Number of T2 Images	1
Dual Spin Echo	On
Recon All Images	On
Multi b-values	1000.0;
Multi NEX Values	1.0;
NEX For T2	1.00

CONTRAST	
Contrast Yes/No	No

Wed Oct 17 09:22:07 CDT 2018

PATIENT POSITION	
Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*AXIAL*
Series Description	*MPnRAGE_VFA*

SCAN TIMING	
Flip Angle	*8*
TE	*Minimum*
Number of Echoes	*1*
TI	*15*
Blood Suppression TI	*1500*
Receiver Bandwidth	*125.00*

IMAGE ENHANCE	
Filter Choice	*None*

GATING/TRIGGER	
Auto Trigger Type	*Off*
Pause After Navigator Prescan	*0*

FMRI	
PSD Trigger	*Internal*
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*

OTHERS	
Protocol Notes	*Center on Brain*

IMAGING PARAMETERS	
Imaging Mode	*3D*
Pulse Sequence	*SPGR*
Imaging Options	*Fast, IrP*
PSD Name	*/usr/g/M/adrc/mpnrage/mpnrage27*
IDEAL	*1*

SCAN RANGE	
FOV	*25.6*
Slice Thickness	*1.0*

ACQ TIMING	
Freq	*256*
Freq DIR	*A/P*
Auto Shim	*Auto*
Phase Correction	*No*
RF Drive Mode	*Preset*
Excitation Mode	*Selective*

USER CVS	
User CV0	*27.00*
User CV2	*2.00*
User CV3	*1.00*
User CV5	*19412.00*
User CV11	*4.00*
User CV15	*1.00*
User CV17	*87000.00*
User CV18	*1.00*
User CV20	*25.00*
User CV32	*500.00*
User CV33	*10.00*
User CV36	*1900.00*
User CV Mask2	*54*

MULTI-PHASE	
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION	
Recon All Images	*On*
Multi b-values	*1000.0;*
Multi NEX Values	*1.0;*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST	
Contrast Yes/No	*No*

MPnRAGE_VFA

PCVIPR

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	GE48chHeadAnt;GE48chHeadPos
Plane	AXIAL
Series Description	PCVIPR

SCAN TIMING	
Flip Angle	8
TE	Minimum
Number of Echoes	1
Receiver Bandwidth	125.00

IMAGE ENHANCE	
Filter Choice	None

GATING/TRIGGER	
Auto Trigger Type	Off
Trigger Type	1
Cardiac Phase	1
Cardiac Slices	1
Pause After Navigator Prescan	0

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

SAT	
Tag Type	None

DIFFUSION	
Recon All Images	On
# Synthetic b-values	1
Synthetic b-value	1000.0;

CONTRAST	
Contrast Yes/No	No

IMAGING PARAMETERS	
Imaging Mode	3D
Pulse Sequence	Vasc PC
Imaging Options	Gat
PSD Name	/usr/g/M/adrc/pcvipr/pcvipr

SCAN RANGE	
FOV	22.0
Slice Thickness	1.0

ACQ TIMING	
Freq	320
Freq DIR	A/P
Auto Shim	Auto
Phase Correction	No
RF Drive Mode	Quadrature
Excitation Mode	Selective

USER CVS	
User CV0	1.00
User CV1	-1.00
User CV5	19412.00
User CV11	4.00
User CV15	1.00
User CV17	11000.00
User CV18	1.00
User CV Mask2	0

MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

VASCULAR	
Flow Analysis	All
Velocity Encoding	80.0

TRICKS	
# of RR Intervals	1
Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

OTHERS	
Protocol Notes	-Verify that PG tracing is accurate and consistent -Images will not come back to the scanner

PCVIPR

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	GE48chHeadAnt;GE48chHeadPos	Imaging Options	EDR, Cla, EPI, DIFF, ARC, HB
Plane	AXIAL	PSD Name	/usr/g/M/adrc/dti/dti
Series Description	APS_hydi_7500_pepolar0	IDEAL	1
		Phase	1.00
SCAN TIMING		HyperBand Slice	3
TE	Minimum		
Number of Echoes	1	**SCAN RANGE**	
TR	3600.0	FOV	24.0
Number of Shots	1	Slice Thickness	2.5
		Slice Spacing	0.0
IMAGE ENHANCE			
Filter Choice	None	**ACQ TIMING**	
		Freq	96
GATING/TRIGGER		Phase	96
Auto Trigger Type	Off	Freq DIR	R/L
		Phase FOV	1.00
FMRI		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	Yes
View Order	Bottom/Up	RF Drive Mode	Preset
# of Repetitions REST	0	Excitation Mode	Selective
# of Repetitions ACTIVE	0		
		USER CVS	
SAT		User CV5	1.00
Tag Type	None	User CV15	1.00
Fat/Water Saturation	Fat	User CV17	1.00
		User CV19	2.00
TRICKS		User CV30	1.00
Pause On/Off	On	User CV39	1.00
Auto Subtract	0	User CV Mask2	256
Auto SCIC	Off		
		MULTI-PHASE	
		Seperate Series	0
		Mask Phase	0
		Mask Pause	0
		Preserve	0
		DIFFUSION	
		Optimized TE	No
		Diffusion Directions	Tensor
		Number of T2 Images	4
		Dual Spin Echo	Off
		Diffusion Tenser Processing Output	No Selection
		Recon All Images	Off
		Multi b-values	300.0;1200.0;2700.0;4800.0; 7500.0;
		Multi NEX Values	7.0;17.0;15.0;17.0;31.0;
		Real Time Field Adjustment	1
		CONTRAST	
		Contrast Yes/No	No

APS_hydi_7500_pepolar0

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	*Head First*	**Imaging Mode**	*2D*
Patient Position	*Supine*	**Pulse Sequence**	*Spin Echo*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*	**Imaging Options**	*EDR, Cla, EPI, DIFF, ARC, HB*
Plane	*AXIAL*	**PSD Name**	*/usr/g/M/adrc/dti/dti*
Series Description	*MPS_hydi_7500_pepolar1*	**IDEAL**	*1*
		Phase	*1.00*
SCAN TIMING		**HyperBand Slice**	*3*
TE	*Minimum*		
Number of Echoes	*1*	**SCAN RANGE**	
TR	*3600.0*	**FOV**	*24.0*
Number of Shots	*1*	**Slice Thickness**	*2.5*
		Slice Spacing	*0.0*
IMAGE ENHANCE			
Filter Choice	*None*	**ACQ TIMING**	
		Freq	*96*
GATING/TRIGGER		**Phase**	*96*
Auto Trigger Type	*Off*	**Freq DIR**	*R/L*
		Phase FOV	*1.00*
FMRI		**Auto Shim**	*Off*
PSD Trigger	*Internal*	**Phase Correction**	*Yes*
View Order	*Bottom/Up*	**RF Drive Mode**	*Preset*
# of Repetitions REST	*0*	**Excitation Mode**	*Selective*
# of Repetitions ACTIVE	*0*		
		USER CVS	
SAT		**User CV5**	*1.00*
Tag Type	*None*	**User CV15**	*1.00*
Fat/Water Saturation	*Fat*	**User CV17**	*1.00*
		User CV19	*2.00*
TRICKS		**User CV20**	*1.00*
Pause On/Off	*On*	**User CV30**	*1.00*
Auto Subtract	*0*	**User CV39**	*1.00*
Auto SCIC	*Off*	**User CV Mask2**	*256*
OTHERS		**MULTI-PHASE**	
Protocol Notes	*Copy Rx from hydi_7500_pepolar0 Manual Prescan Scantime will be different from hydi_7500_pepolar0*	**Seperate Series**	*0*
		Mask Phase	*0*
		Mask Pause	*0*
		Preserve	*0*
		DIFFUSION	
		Optimized TE	*No*
		Diffusion Directions	*Tensor*
		Number of T2 Images	*4*
		Dual Spin Echo	*Off*
		Diffusion Tenser Processing Output	*No Selection*
		Recon All Images	*Off*
		Multi b-values	*300.0;1200.0;2700.0;4800.0; 7500.0;*
		Multi NEX Values	*9.0;15.0;17.0;15.0;33.0;*
		Real Time Field Adjustment	*1*
		CONTRAST	
		Contrast Yes/No	*No*

MPS_hydi_7500_pepolar1

Protocol: adult_other_ADRC_CORE-(10-11-2018)

PATIENT POSITION	
Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*AXIAL*
Series Description	*UW eASL*

SCAN TIMING	
Number of Echoes	*1*
Receiver Bandwidth	*62.50*

IMAGE ENHANCE	
Filter Choice	*None*

GATING/TRIGGER	
Auto Trigger Type	*Off*
Pause After Navigator Prescan	*0*

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

SAT	
Tag Type	*None*
Fat/Water Saturation	*Fat*

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

IMAGING PARAMETERS	
Imaging Mode	*3D*
Pulse Sequence	*3DASL*
Imaging Options	*EDR, Fast, Spiral*
PSD Name	*/usr/g/M/adrc/easl/3dpcasl*

SCAN RANGE	
FOV	*24.0*
Slice Thickness	*4.0*

ACQ TIMING	
Freq	*512*
Phase	*8*
Freq DIR	*A/P*
NEX	*1.00*
Auto Shim	*On*
Phase Correction	*No*
RF Drive Mode	*Preset*
Excitation Mode	*Selective*

USER CVS	
User CV1	*1.00*
User CV4	*1000.00*
User CV5	*3000.00*
User CV6	*3.00*
User CV7	*0.50*
User CV8	*1.00*
User CV9	*0.50*
User CV10	*19412.00*
User CV22	*1.00*
User CV23	*8.00*
User CV35	*-1.00*
User CV Mask2	*16*

MULTI-PHASE	
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION	
Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST	
Contrast Yes/No	*No*

CUBE T2 HR <50

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Plane	SAGITTAL
Series Description	CUBE T2 HR <50

SCAN TIMING	
TE	Maximum
Number of Echoes	1
Echo Train Length	100
Receiver Bandwidth	31.25

IMAGE ENHANCE	
Filter Choice	None

GATING/TRIGGER	
Auto Trigger Type	On
Trigger Type	0
Minimum Trigger Delay	1
Cardiac Phase	1
Cardiac Slices	1

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

SAT	
Tag Type	None
Fat/Water Saturation	Fat

TRICKS	
# of RR Intervals	2
Trigger Delay	205
Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

IMAGING PARAMETERS	
Imaging Mode	3D
Pulse Sequence	Cube
Imaging Options	FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS
Phase	2.00
Slice	2.00
HyperSense	1.50

SCAN RANGE	
FOV	25.6
Slice Thickness	1.6
Location per Slab	128
Overlap Locations	0

ACQ TIMING	
Freq	256
Phase	256
Freq DIR	S/I
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	No
Flow Direction Compensation	Freq
RF Drive Mode	Quadrature
Excitation Mode	Selective

USER CVS	
User CV5	1.00
User CV29	1.00
User CV30	1.00
User CV Mask2	512

MULTI-PHASE	
Seperate Series	0
Inter-Delay	Minimum
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION	
Recon All Images	On
# Synthetic b-values	1
Synthetic b-value	1000.0;

CONTRAST	
Contrast Yes/No	No

CUBE T2 HR <50

CUBE T2 HR 50-75

PATIENT POSITION

Patient Entry	*Head First*
Patient Position	*Supine*
Plane	*SAGITTAL*
Series Description	*CUBE T2 HR 50-75*

SCAN TIMING

TE	*Maximum*
Number of Echoes	*1*
Echo Train Length	*100*
Receiver Bandwidth	*31.25*

IMAGE ENHANCE

Filter Choice	*None*

GATING/TRIGGER

Auto Trigger Type	*On*
Trigger Type	*0*
Minimum Trigger Delay	*1*
Cardiac Phase	*1*
Cardiac Slices	*1*

FMRI

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

SAT

Tag Type	*None*
Fat/Water Saturation	*Fat*

TRICKS

# of RR Intervals	*3*
Trigger Delay	*205*
Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*2*

IMAGING PARAMETERS

Imaging Mode	*3D*
Pulse Sequence	*Cube*
Imaging Options	*FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS*
Phase	*2.00*
Slice	*2.00*
HyperSense	*1.50*

SCAN RANGE

FOV	*25.6*
Slice Thickness	*1.6*
Location per Slab	*128*
Overlap Locations	*0*

ACQ TIMING

Freq	*256*
Phase	*256*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*Auto*
Phase Correction	*No*
Flow Direction Compensation	*Freq*
RF Drive Mode	*Quadrature*
Excitation Mode	*Selective*

USER CVS

User CV5	*1.00*
User CV29	*1.00*
User CV30	*1.00*
User CV Mask2	*512*

MULTI-PHASE

Seperate Series	*0*
Inter-Delay	*Minimum*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION

Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST

Contrast Yes/No	*No*

CUBE T2 HR 50-75

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CUBE T2 HR >75

PATIENT POSITION

Patient Entry	*Head First*
Patient Position	*Supine*
Coil Configuration	*GE48chHeadAnt;GE48chHeadPos*
Plane	*SAGITTAL*
Series Description	*CUBE T2 HR >75*

SCAN TIMING

TE	*Maximum*
Number of Echoes	*1*
Echo Train Length	*100*
Receiver Bandwidth	*31.25*

IMAGE ENHANCE

Filter Choice	*None*

GATING/TRIGGER

Auto Trigger Type	*Off*
Trigger Type	*5*
Minimum Trigger Delay	*1*
Cardiac Phase	*1*
Cardiac Slices	*1*

FMRI

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

SAT

Tag Type	*None*
Fat/Water Saturation	*Fat*

TRICKS

# of RR Intervals	*4*
Trigger Delay	*205*
Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*2*

IMAGING PARAMETERS

Imaging Mode	*3D*
Pulse Sequence	*Cube*
Imaging Options	*FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS*
Phase	*2.00*
Slice	*2.00*
HyperSense	*1.50*

SCAN RANGE

FOV	*25.6*
Slice Thickness	*1.6*
Location per Slab	*128*
Overlap Locations	*0*

ACQ TIMING

Freq	*256*
Phase	*256*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*Auto*
Phase Correction	*No*
Flow Direction Compensation	*Freq*
RF Drive Mode	*Quadrature*
Excitation Mode	*Selective*

USER CVS

User CV5	*1.00*
User CV29	*1.00*
User CV30	*1.00*
User CV41	*5.00*
User CV Mask2	*512*

MULTI-PHASE

Seperate Series	*0*
Inter-Delay	*Minimum*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION

Recon All Images	*On*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST

Contrast Yes/No	*No*

CUBE T2 Ungated *(left margin)*

PATIENT POSITION	
Patient Entry	*Head First*
Patient Position	*Supine*
Plane	*SAGITTAL*
Series Description	*CUBE T2 Ungated*

SCAN TIMING	
TE	*Maximum*
Number of Echoes	*1*
TR	*2500.0*
Echo Train Length	*100*
Receiver Bandwidth	*31.25*

IMAGE ENHANCE	
Filter Choice	*None*

GATING/TRIGGER	
Auto Trigger Type	*Off*

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

SAT	
Tag Type	*None*
Fat/Water Saturation	*Fat*

TRICKS	
Pause On/Off	*On*
Auto Subtract	*0*
Auto SCIC	*2*

IMAGING PARAMETERS	
Imaging Mode	*3D*
Pulse Sequence	*Cube*
Imaging Options	*FC, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS*
Phase	*2.00*
Slice	*2.00*
HyperSense	*1.50*

SCAN RANGE	
FOV	*25.6*
Slice Thickness	*1.6*
Location per Slab	*128*
Overlap Locations	*0*

ACQ TIMING	
Freq	*256*
Phase	*256*
Freq DIR	*S/I*
NEX	*1.00*
Phase FOV	*1.00*
Auto Shim	*Auto*
Phase Correction	*No*
Flow Direction Compensation	*Freq*
RF Drive Mode	*Quadrature*
Excitation Mode	*Selective*

USER CVS	
User CV5	*1.00*
User CV29	*1.00*
User CV30	*1.00*
User CV Mask2	*512*

MULTI-PHASE	
Seperate Series	*0*
Mask Phase	*0*
Mask Pause	*0*
Preserve	*0*

DIFFUSION	
Recon All Images	*On*
Multi b-values	*1000.0;*
Multi NEX Values	*1;*
# Synthetic b-values	*1*
Synthetic b-value	*1000.0;*

CONTRAST	
Contrast Yes/No	*No*

CUBE T2 Ungated *(right margin)*