

Protocol: adult_other_ADRC_CORE-(10-11-2018)

3pl loc FGRE

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	Nova 32ch-Brain
Plane	3-PLANE
Series Description	3pl loc FGRE
SCAN TIMING	
Number of Echoes	1
IMAGE ENHANCE	
Filter Choice	None
GATING/TRIGGER	
Auto Trigger Type	Off
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
DIFFUSION	
Recon All Images	On
CONTRAST	
Contrast Yes/No	No

3pl loc FGRE

IMAGING PARAMETERS	
Imaging Mode	2D
Pulse Sequence	Gradient Echo
Imaging Options	Seq, Fast
SCAN RANGE	
FOV	24.0
Slice Thickness	10.0
Slice Spacing	0.0
ACQ TIMING	
Freq	256
Phase	128
Freq DIR	Unswap
NEX	1.00
Phase FOV	1.00
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

3pl loc FGRE

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CAL

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	Nova 32ch-Brain
Plane	AXIAL
Series Description	CAL
SCAN TIMING	
Number of Echoes	1
Receiver Bandwidth	62.50
IMAGE ENHANCE	
Filter Choice	None
GATING/TRIGGER	
Auto Trigger Type	Off
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	0
DIFFUSION	
Recon All Images	On
CONTRAST	
Contrast Yes/No	No

IMAGING PARAMETERS	
Imaging Mode	3D
Pulse Sequence	SPGR
Imaging Options	EDR, Fast, ZIP2, Calib
SCAN RANGE	
FOV	30.0
Slice Thickness	9.4
ACQ TIMING	
Freq DIR	R/L
Auto Shim	On
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

CAL

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mADNI3_T1	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	SPGR
	Coil Configuration	Nova 32ch-Brain	Imaging Options	EDR, Fast, Asset, IrP
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	mADNI3_T1	FOV	25.6
	SCAN TIMING		Slice Thickness	1.0
	Flip Angle	11	Location per Slab	240
	TE	Min Full	Overlap Locations	0
	Number of Echoes	1	ACQ TIMING	
	TI	400	Freq	256
	Receiver Bandwidth	31.25	Phase	256
	IMAGE ENHANCE		Freq DIR	S/I
	Filter Choice	None	NEX	1.00
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	On
	FMRI		Phase Correction	No
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV6	1.00
	# of Repetitions REST	0	User CV23	100.00
	# of Repetitions ACTIVE	0	MULTI-PHASE	
DIFFUSION			Seperate Series	0
Recon All Images		On	Trigger Delay without AV	0
CONTRAST			Mask Phase	0
Contrast Yes/No		No	Mask Pause	0
			TRICKS	
			Pause On/Off	On
			Auto Subtract	0
			Auto SCIC	2

mADNI3_T1

Sag T2 FLAIR Cube	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube T2 FLAIR
	Coil Configuration	Nova 32ch-Brain	Imaging Options	EDR, Fast, ZIP512, ZIP2, T2P, ARC, HS, IrP
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	Sag T2 FLAIR Cube	FOV	25.0
	SCAN TIMING		Slice Thickness	1.6
	TE	105.0	Location per Slab	128
	Number of Echoes	1	Overlap Locations	0
	TR	6000.0	ACQ TIMING	
	TI	1720	Freq	256
	Echo Train Length	170	Phase	256
	Receiver Bandwidth	35.71	Freq DIR	S/I
	IMAGE ENHANCE		NEX	1.00
	Filter Choice	None	Phase FOV	0.90
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	No
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV5	1.00
	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	DIFFUSION	
	Fat/Water Saturation	Fat	Recon All Images	On
	TRICKS		CONTRAST	
	Pause On/Off	On	Contrast Yes/No	No
	Auto Subtract	0		
	Auto SCIC	2		

Sag T2 FLAIR Cube

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Pseudoswan

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	Nova 32ch-Brain
Plane	AXIAL
Series Description	Pseudoswan
SCAN TIMING	
Flip Angle	60
TE	35.0
Number of Echoes	1
TR	2000.0
Number of Shots	2
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	2D
Pulse Sequence	Gradient Echo
Imaging Options	EPI, Asset
SCAN RANGE	
FOV	24.0
Slice Thickness	3.0
Slice Spacing	1.0
ACQ TIMING	
Freq	256
Phase	512
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	
Seperate Series	0
Mask Phase	0
Mask Pause	0
DIFFUSION	
Recon All Images	On
CONTRAST	
Contrast Yes/No	No

Pseudoswan

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Ax DWI asset	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Spin Echo
	Coil Configuration	Nova 32ch-Brain	Imaging Options	EPI, DIFF, Asset
	Plane	AXIAL	SCAN RANGE	
	Series Description	Ax DWI asset	FOV	24.0
	SCAN TIMING		Slice Thickness	5.0
	TE	Minimum	Slice Spacing	1.0
	Number of Echoes	1	ACQ TIMING	
	TR	6275.0	Freq	128
	Number of Shots	1	Phase	128
	IMAGE ENHANCE		Freq DIR	R/L
	Filter Choice	None	Phase FOV	1.00
	GATING/TRIGGER		Auto Shim	Off
	Auto Trigger Type	Off	Phase Correction	Yes
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV0	1.00
	View Order	Bottom/Up	User CV5	1.00
	# of Repetitions REST	0	User CV17	1.00
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Seperate Series	0
	Tag Type	None	Mask Phase	0
	TRICKS		Mask Pause	0
	Pause On/Off	On	DIFFUSION	
	Auto Subtract	0	Optimized TE	Yes
	Auto SCIC	Off	Diffusion Directions	All
	OTHERS		Number of Diffusion Directions	3
	Protocol Notes	Center Rx and verify that you have full brain coverage After scan is finished, make ADC maps in READYview.		
			Number of T2 Images	1
			Dual Spin Echo	On
			Recon All Images	On
			CONTRAST	
			Contrast Yes/No	No

Ax DWI asset

MPnRAGE_VFA	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	SPGR
	Coil Configuration	Nova 32ch-Brain	Imaging Options	Fast, IrP
	Plane	AXIAL	PSD Name	/usr/g/M/steve/mpnrage26
	Series Description	MPnRAGE_VFA	SCAN RANGE	
	SCAN TIMING		FOV	25.6
	Flip Angle	4	Slice Thickness	1.0
	TE	Minimum	ACQ TIMING	
	Number of Echoes	1	Freq	256
	TI	15	Freq DIR	A/P
	Blood Suppression TI	1500	Auto Shim	Auto
	Receiver Bandwidth	125.00	Phase Correction	No
	IMAGE ENHANCE		USER CVS	
	Filter Choice	None	User CV0	27.00
	GATING/TRIGGER		User CV2	2.00
	Auto Trigger Type	Off	User CV3	1.00
	FMRI		User CV5	19412.00
	PSD Trigger	Internal	User CV11	4.00
	View Order	Bottom/Up	User CV15	1.00
	# of Repetitions REST	0	User CV17	87000.00
	# of Repetitions ACTIVE	0	User CV18	1.00
	SAT		User CV20	25.00
	Tag Type	None	MULTI-PHASE	
	TRICKS		Seperate Series	0
	Pause On/Off	On	Mask Phase	0
	Auto Subtract	0	Mask Pause	0
	Auto SCIC	Off	DIFFUSION	
	OTHERS		Recon All Images	On
	Protocol Notes	Center Rx near the level of the pituitary gland. Verify that you are centered left to right as well. Source images will come back to scanner within 2 hours, send source images to ALI		
			CONTRAST	
			Contrast Yes/No	No

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PCVIPR

PATIENT POSITION	
Patient Entry	Head First
Patient Position	Supine
Coil Configuration	Nova 32ch-Brain
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	On
Trigger Type	0
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
DIFFUSION	
Recon All Images	On
CONTRAST	
Contrast Yes/No	No

PCVIPR

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
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
MULTI-PHASE	
Seperate Series	0
Mask Phase	0
Mask Pause	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

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PATIENT POSITION

Patient Entry *Head First*
 Patient Position *Supine*
 Coil Configuration *Nova 32ch-Brain*
 Plane *AXIAL*
 Series Description *APS_hydi_7500_pepolar0*

SCAN TIMING

TE *Minimum*
 Number of Echoes *1*
 TR *3100.0*
 Number of Shots *1*

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 *Off*

IMAGING PARAMETERS

Imaging Mode *2D*
 Pulse Sequence *Spin Echo*
 Imaging Options *EDR, Cla, EPI, DIFF, ARC, HB*
 PSD Name */usr/g/M/steve/dti_sms*

SCAN RANGE

FOV *24.0*
 Slice Thickness *2.5*
 Slice Spacing *0.0*

ACQ TIMING

Freq *96*
 Phase *96*
 Freq DIR *R/L*
 Phase FOV *1.00*
 Auto Shim *Off*
 Phase Correction *Yes*

USER CVS

User CV5 *1.00*
 User CV15 *1.00*
 User CV17 *1.00*
 User CV19 *2.00*

MULTI-PHASE

Seperate Series *0*
 Mask Phase *0*
 Mask Pause *0*

DIFFUSION

Optimized TE *Yes*
 Diffusion Directions *Tensor*
 Number of T2 Images *4*
 Dual Spin Echo *Off*
 Diffusion Tenser Processing Output *No Selection*
 Recon All Images *Off*

CONTRAST

Contrast Yes/No *No*

APS_hydi_7500_pepolar0

APS_hydi_7500_pepolar0

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PATIENT POSITION

Patient Entry *Head First*
 Patient Position *Supine*
 Coil Configuration *Nova 32ch-Brain*
 Plane *AXIAL*
 Series Description *MPS_hydi_7500_pepolar1*

SCAN TIMING

TE *Minimum*
 Number of Echoes *1*
 TR *3100.0*
 Number of Shots *1*

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 *Off*

OTHERS

Protocol Notes *Copy Rx from
 hydi_7500_pepolar0
 Manual Prescan*

IMAGING PARAMETERS

Imaging Mode *2D*
 Pulse Sequence *Spin Echo*
 Imaging Options *EDR, Cla, EPI, DIFF, ARC, HB*
 PSD Name */usr/g/M/steve/dti_sms*

SCAN RANGE

FOV *24.0*
 Slice Thickness *2.5*
 Slice Spacing *0.0*

ACQ TIMING

Freq *96*
 Phase *96*
 Freq DIR *R/L*
 Phase FOV *1.00*
 Auto Shim *Off*
 Phase Correction *Yes*

USER CVS

User CV5 *1.00*
 User CV15 *1.00*
 User CV17 *1.00*
 User CV19 *2.00*
 User CV20 *1.00*

MULTI-PHASE

Seperate Series *0*
 Mask Phase *0*
 Mask Pause *0*

DIFFUSION

Optimized TE *Yes*
 Diffusion Directions *Tensor*
 Number of T2 Images *4*
 Dual Spin Echo *Off*
 Diffusion Tensor Processing Output *No Selection*
 Recon All Images *Off*

CONTRAST

Contrast Yes/No *No*

MPS_hydi_7500_pepolar1

MPS_hydi_7500_pepolar1

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UW eASL	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	3DASL
	Coil Configuration	Nova 32ch-Brain	Imaging Options	EDR, Fast, Spiral
	Plane	AXIAL	PSD Name	/usr/g/M/adrc/easl/3dpcasl
	Series Description	UW eASL	SCAN RANGE	
	SCAN TIMING		FOV	24.0
	Number of Echoes	1	Slice Thickness	4.0
	Receiver Bandwidth	62.50	ACQ TIMING	
	IMAGE ENHANCE		Freq	512
	Filter Choice	None	Phase	8
	GATING/TRIGGER		Freq DIR	A/P
	Auto Trigger Type	Off	NEX	1.00
	FMRI		Auto Shim	On
	PSD Trigger	Internal	Phase Correction	No
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV1	1.00
	# of Repetitions ACTIVE	0	User CV4	1000.00
	SAT		User CV5	3000.00
	Tag Type	None	User CV6	3.00
	Fat/Water Saturation	Fat	User CV7	0.50
	TRICKS		User CV8	1.00
	Pause On/Off	On	User CV9	0.50
	Auto Subtract	0	User CV10	19412.00
	Auto SCIC	Off	User CV22	1.00
			User CV23	8.00
			MULTI-PHASE	
			Seperate Series	0
			Mask Phase	0
			Mask Pause	0
			DIFFUSION	
			Recon All Images	On
			CONTRAST	
			Contrast Yes/No	No

UW eASL

CUBE T2 HR It 50	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	Nova 32ch-Brain	Imaging Options	FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	CUBE T2 HR It 50	FOV	25.6
	SCAN TIMING		Slice Thickness	1.6
	TE	Maximum	Location per Slab	128
	Number of Echoes	1	Overlap Locations	0
	Echo Train Length	100	ACQ TIMING	
	Receiver Bandwidth	31.25	Freq	256
	IMAGE ENHANCE		Phase	256
	Filter Choice	None	Freq DIR	S/I
	GATING/TRIGGER		NEX	1.00
	Auto Trigger Type	On	Phase FOV	1.00
	Trigger Type	0	Auto Shim	Auto
	Minimum Trigger Delay	1	Phase Correction	No
	Cardiac Phase	1	Flow Direction	Freq
	Cardiac Slices	1	Compensation	
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV5	1.00
	View Order	Bottom/Up	MULTI-PHASE	
	# of Repetitions REST	0	Seperate Series	0
	# of Repetitions ACTIVE	0	Inter-Delay	Minimum
	SAT		Mask Phase	0
	Tag Type	None	Mask Pause	0
	Fat/Water Saturation	Fat	DIFFUSION	
	TRICKS		Recon All Images	On
	# of RR Intervals	2	CONTRAST	
	Trigger Delay	205	Contrast Yes/No	No
	Pause On/Off	On		
	Auto Subtract	0		
	Auto SCIC	2		

CUBE T2 HR It 50

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CUBE T2 HR 50-75	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	Nova 32ch-Brain	Imaging Options	FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	CUBE T2 HR 50-75	FOV	25.6
	SCAN TIMING		Slice Thickness	1.6
	TE	Maximum	Location per Slab	128
	Number of Echoes	1	Overlap Locations	0
	Echo Train Length	100	ACQ TIMING	
	Receiver Bandwidth	31.25	Freq	256
	IMAGE ENHANCE		Phase	256
	Filter Choice	None	Freq DIR	S/I
	GATING/TRIGGER		NEX	1.00
	Auto Trigger Type	On	Phase FOV	1.00
	Trigger Type	0	Auto Shim	Auto
	Minimum Trigger Delay	1	Phase Correction	No
	Cardiac Phase	1	Flow Direction	Freq
	Cardiac Slices	1	Compensation	
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV5	1.00
	View Order	Bottom/Up	MULTI-PHASE	
	# of Repetitions REST	0	Seperate Series	0
	# of Repetitions ACTIVE	0	Inter-Delay	Minimum
	SAT		Mask Phase	0
	Tag Type	None	Mask Pause	0
	Fat/Water Saturation	Fat	DIFFUSION	
	TRICKS		Recon All Images	On
	# of RR Intervals	3	CONTRAST	
	Trigger Delay	205	Contrast Yes/No	No
	Pause On/Off	On		
	Auto Subtract	0		
	Auto SCIC	2		

CUBE T2 HR 50-75

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CUBE T2 HR gt 75	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	Nova 32ch-Brain	Imaging Options	FC, Gat, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	CUBE T2 HR gt 75	FOV	25.6
	SCAN TIMING		Slice Thickness	1.6
	TE	Maximum	Location per Slab	128
	Number of Echoes	1	Overlap Locations	0
	Echo Train Length	100	ACQ TIMING	
	Receiver Bandwidth	31.25	Freq	256
	IMAGE ENHANCE		Phase	256
	Filter Choice	None	Freq DIR	S/I
	GATING/TRIGGER		NEX	1.00
	Auto Trigger Type	Off	Phase FOV	1.00
	Trigger Type	5	Auto Shim	Auto
	Minimum Trigger Delay	1	Phase Correction	No
	Cardiac Phase	1	Flow Direction	Freq
	Cardiac Slices	1	Compensation	
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV5	1.00
	View Order	Bottom/Up	MULTI-PHASE	
	# of Repetitions REST	0	Seperate Series	0
	# of Repetitions ACTIVE	0	Inter-Delay	Minimum
	SAT		Mask Phase	0
	Tag Type	None	Mask Pause	0
	Fat/Water Saturation	Fat	DIFFUSION	
	TRICKS		Recon All Images	On
	# of RR Intervals	4	CONTRAST	
	Trigger Delay	205	Contrast Yes/No	No
	Pause On/Off	On		
	Auto Subtract	0		
	Auto SCIC	2		

CUBE T2 HR gt 75

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CUBE T2 Ungated	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	Nova 32ch-Brain	Imaging Options	FC, EDR, Fast, ZIP512, ZIP2, FR, ARC, HS
	Plane	SAGITTAL	SCAN RANGE	
	Series Description	CUBE T2 Ungated	FOV	25.6
	SCAN TIMING		Slice Thickness	1.6
	TE	Maximum	Location per Slab	128
	Number of Echoes	1	Overlap Locations	0
	TR	2500.0	ACQ TIMING	
	Echo Train Length	100	Freq	256
	Receiver Bandwidth	31.25	Phase	256
	IMAGE ENHANCE		Freq DIR	S/I
	Filter Choice	None	NEX	1.00
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	No
	PSD Trigger	Internal	Flow Direction	Freq
	View Order	Bottom/Up	Compensation	
	# of Repetitions REST	0	USER CVS	
	# of Repetitions ACTIVE	0	User CV5	1.00
SAT		MULTI-PHASE		
Tag Type		None	Seperate Series	0
Fat/Water Saturation		Fat	Mask Phase	0
TRICKS		DIFFUSION		
Pause On/Off		On	Mask Pause	0
Auto Subtract		0	CONTRAST	
Auto SCIC		2	Recon All Images	On
		CONTRAST		
		Contrast Yes/No		
		No		

CUBE T2 Ungated