

Protocol: adult_other_ADRC_CORE-(10-11-2018)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Head First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>Nova 32ch-Brain</i>	Imaging Options	<i>Seq, Fast</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>3pl loc FGRE</i>	FOV	<i>24.0</i>
SCAN TIMING		Slice Thickness	<i>10.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.0</i>
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>None</i>	Freq	<i>256</i>
GATING/TRIGGER		Phase	<i>128</i>
Auto Trigger Type	<i>Off</i>	Freq DIR	<i>Unswap</i>
MULTI-PHASE		NEX	<i>1.00</i>
Separate Series	<i>0</i>	Phase FOV	<i>1.00</i>
Mask Phase	<i>0</i>	Auto Shim	<i>Auto</i>
Mask Pause	<i>0</i>	Phase Correction	<i>No</i>
DIFFUSION		FMRI	
Recon All Images	<i>On</i>	PSD Trigger	<i>Internal</i>
CONTRAST		Slice Order	<i>Interleaved</i>
Contrast Yes/No	<i>No</i>	View Order	<i>Bottom/Up</i>
		# of Repetitions REST	<i>0</i>
		# of Repetitions ACTIVE	<i>0</i>
SAT		SAT	
		Tag Type	<i>None</i>
TRICKS		TRICKS	
		Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>

3pl loc FGRE

3pl loc FGRE

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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, ZIP2, Calib
Plane	AXIAL	SCAN RANGE	
Series Description	CAL	FOV	30.0
SCAN TIMING		Slice Thickness	9.4
Number of Echoes	1	ACQ TIMING	
Receiver Bandwidth	62.50	Freq DIR	R/L
IMAGE ENHANCE		Auto Shim	On
Filter Choice	None	Phase Correction	No
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
MULTI-PHASE		Slice Order	Interleaved
Separate Series	0	View Order	Bottom/Up
Mask Phase	0	# of Repetitions REST	0
Mask Pause	0	# of Repetitions ACTIVE	0
DIFFUSION		SAT	
Recon All Images	On	Tag Type	None
CONTRAST		TRICKS	
Contrast Yes/No	No	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off

CAL

CAL

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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	SAG/ITAL	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		Separate 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

mADNI3_T1

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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		
Series Description	Sag T2 FLAIR Cube		
SCAN TIMING		SCAN RANGE	
TE	105.0	FOV	25.0
Number of Echoes	1	Slice Thickness	1.6
TR	6000.0	Location per Slab	128
TI	1720	Overlap Locations	0
Echo Train Length	170		
Receiver Bandwidth	35.71		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	256
Auto Trigger Type	Off	Freq DIR	S/I
		NEX	1.00
FMRI		Phase FOV	0.90
PSD Trigger	Internal	Auto Shim	Auto
View Order	Bottom/Up	Phase Correction	No
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		USER CVS	
Tag Type	None	User CV5	1.00
Fat/Water Saturation	Fat		
TRICKS		MULTI-PHASE	
Pause On/Off	On	Separate Series	0
Auto Subtract	0	Mask Phase	0
Auto SCIC	2	Mask Pause	0
		DIFFUSION	
		Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

Sag T2 FLAIR Cube

Sag T2 FLAIR Cube

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	Nova 32ch-Brain	Imaging Options	EPI, Asset
Plane	AXIAL	SCAN RANGE	
Series Description	Pseudoswan	FOV	24.0
SCAN TIMING		Slice Thickness	3.0
Flip Angle	60	Slice Spacing	1.0
TE	35.0	ACQ TIMING	
Number of Echoes	1	Freq	256
TR	2000.0	Phase	512
Number of Shots	2	Freq DIR	R/L
IMAGE ENHANCE		NEX	1.00
Filter Choice	None	Phase FOV	1.00
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	Yes
FMRI		USER CVS	
PSD Trigger	Internal	User CV0	1.00
View Order	Bottom/Up	MULTI-PHASE	
# of Repetitions REST	0	Separate Series	0
# of Repetitions ACTIVE	0	Mask Phase	0
SAT		Mask Pause	0
Tag Type	None	DIFFUSION	
TRICKS		Recon All Images	On
Pause On/Off	On	CONTRAST	
Auto Subtract	0	Contrast Yes/No	No
Auto SCIC	2		

Pseudoswan

Pseudoswan

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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		Separate 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	
		Contrast Yes/No	No

Ax DWI asset

Ax DWI asset

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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		Separate 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 Yes/No	No

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PATIENT POSITION		IMAGING PARAMETERS
Patient Entry	<i>Head First</i>	Imaging Mode <i>3D</i>
Patient Position	<i>Supine</i>	Pulse Sequence <i>Vasc PC</i>
Coil Configuration	<i>Nova 32ch-Brain</i>	Imaging Options <i>Gat</i>
Plane	<i>AXIAL</i>	PSD Name <i>/usr/g/M/adrc/pcvipr/pcvipr</i>
Series Description	<i>PCVIPR</i>	
SCAN TIMING		SCAN RANGE
Flip Angle	<i>8</i>	FOV <i>22.0</i>
TE	<i>Minimum</i>	Slice Thickness <i>1.0</i>
Number of Echoes	<i>1</i>	
Receiver Bandwidth	<i>125.00</i>	
IMAGE ENHANCE		ACQ TIMING
Filter Choice	<i>None</i>	Freq <i>320</i>
GATING/TRIGGER		Freq DIR <i>A/P</i>
Auto Trigger Type	<i>On</i>	Auto Shim <i>Auto</i>
Trigger Type	<i>0</i>	Phase Correction <i>No</i>
Cardiac Phase	<i>1</i>	
Cardiac Slices	<i>1</i>	
FMRI		USER CVS
PSD Trigger	<i>Internal</i>	User CV0 <i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV1 <i>-1.00</i>
# of Repetitions REST	<i>0</i>	User CV5 <i>19412.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV11 <i>4.00</i>
SAT		User CV15 <i>1.00</i>
Tag Type	<i>None</i>	User CV17 <i>11000.00</i>
DIFFUSION		User CV18 <i>1.00</i>
Recon All Images	<i>On</i>	
CONTRAST		MULTI-PHASE
Contrast Yes/No	<i>No</i>	Separate Series <i>0</i>
		Mask Phase <i>0</i>
		Mask Pause <i>0</i>
VASCULAR		
		Flow Analysis <i>All</i>
		Velocity Encoding <i>80.0</i>
TRICKS		OTHERS
		# of RR Intervals <i>1</i>
		Pause On/Off <i>On</i>
		Auto Subtract <i>0</i>
		Auto SCIC <i>Off</i>
		Protocol Notes
		<i>Verify that PG tracing is accurate and consistent Images will not come back to the scanner</i>

PCVIPR

PCVIPR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Head First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>Nova 32ch-Brain</i>	Imaging Options	<i>EDR, Cla, EPI, DIFF, ARC, HB</i>
Plane	<i>AXIAL</i>	PSD Name	<i>/usr/g/M/steve/dti_sms</i>
Series Description	<i>APS_hydi_7500_pepolar0</i>	SCAN RANGE	
SCAN TIMING		FOV	<i>24.0</i>
TE	<i>Minimum</i>	Slice Thickness	<i>2.5</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.0</i>
TR	<i>3100.0</i>	ACQ TIMING	
Number of Shots	<i>1</i>	Freq	<i>96</i>
IMAGE ENHANCE		Phase	<i>96</i>
Filter Choice	<i>None</i>	Freq DIR	<i>R/L</i>
GATING/TRIGGER		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Off</i>
FMRI		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV5	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV15	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	User CV17	<i>1.00</i>
SAT		User CV19	<i>2.00</i>
Tag Type	<i>None</i>	MULTI-PHASE	
Fat/Water Saturation	<i>Fat</i>	Separate Series	<i>0</i>
TRICKS		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	DIFFUSION	
Auto SCIC	<i>Off</i>	Optimized TE	<i>Yes</i>
		Diffusion Directions	<i>Tensor</i>
		Number of T2 Images	<i>4</i>
		Dual Spin Echo	<i>Off</i>
		Diffusion Tensor Processing Output	<i>No Selection</i>
		Recon All Images	<i>Off</i>
CONTRAST			
Contrast Yes/No		Contrast Yes/No	
		No	

APS_hydi_7500_pepolar0

APS_hydi_7500_pepolar0

Protocol: adult_other_ADRC_CORE-(10-11-2018)

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	EDR, Cla, EPI, DIFF, ARC, HB
Plane	AXIAL	PSD Name	/usr/g/M/steve/dti_sms
Series Description	MPS_hydi_7500_pepolar1	SCAN RANGE	
SCAN TIMING		FOV	24.0
TE	Minimum	Slice Thickness	2.5
Number of Echoes	1	Slice Spacing	0.0
TR	3100.0	ACQ TIMING	
Number of Shots	1	Freq	96
IMAGE ENHANCE		Phase	96
Filter Choice	None	Freq DIR	R/L
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Off
FMRI		Phase Correction	Yes
PSD Trigger	Internal	USER CVS	
View Order	Bottom/Up	User CV5	1.00
# of Repetitions REST	0	User CV15	1.00
# of Repetitions ACTIVE	0	User CV17	1.00
SAT		User CV19	2.00
Tag Type	None	User CV20	1.00
Fat/Water Saturation	Fat	MULTI-PHASE	
TRICKS		Separate Series	0
Pause On/Off	On	Mask Phase	0
Auto Subtract	0	Mask Pause	0
Auto SCIC	Off	DIFFUSION	
OTHERS		Optimized TE	Yes
Protocol Notes	Copy Rx from hydi_7500_pepolar0 Manual Prescan	Diffusion Directions	Tensor
		Number of T2 Images	4
		Dual Spin Echo	Off
		Diffusion Tenser Processing Output	No Selection
		Recon All Images	Off
CONTRAST		CONTRAST	
		Contrast Yes/No	No

MPS_hydi_7500_pepolar1

MPS_hydi_7500_pepolar1

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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/3dpca/s
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		DIFFUSION	
Seperate Series		Recon All Images	On
Mask Phase		CONTRAST	
Mask Pause		Contrast Yes/No	No

UW eASL

UW eASL

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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		
	Series Description	CUBE T2 HR It 50		
	SCAN TIMING		SCAN RANGE	
	TE	Maximum	FOV	25.6
	Number of Echoes	1	Slice Thickness	1.6
	Echo Train Length	100	Location per Slab	128
	Receiver Bandwidth	31.25	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING		
Filter Choice		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	
FMRI		USER CVS		
PSD Trigger		User CV5	1.00	
View Order		MULTI-PHASE		
# of Repetitions REST		Separate Series	0	
# of Repetitions ACTIVE		Inter-Delay	Minimum	
SAT		Mask Phase	0	
Tag Type		Mask Pause	0	
Fat/Water Saturation		DIFFUSION		
		Recon All Images	On	
TRICKS		CONTRAST		
# of RR Intervals		Contrast Yes/No	No	
Trigger Delay				
Pause On/Off				
Auto Subtract				
Auto SCIC				
2				
205				
On				
0				
2				
CUBE T2 HR It 50				

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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		
Series Description	CUBE T2 HR 50-75		
SCAN TIMING		SCAN RANGE	
TE	Maximum	FOV	25.6
Number of Echoes	1	Slice Thickness	1.6
Echo Train Length	100	Location per Slab	128
Receiver Bandwidth	31.25	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	256
Auto Trigger Type	On	Freq DIR	S/I
Trigger Type	0	NEX	1.00
Minimum Trigger Delay	1	Phase FOV	1.00
Cardiac Phase	1	Auto Shim	Auto
Cardiac Slices	1	Phase Correction	No
FMRI		Flow Direction Compensation	Freq
PSD Trigger	Internal	User CVS	
View Order	Bottom/Up	User CV5	1.00
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Separate Series	0
SAT		Inter-Delay	Minimum
Tag Type	None	Mask Phase	0
Fat/Water Saturation	Fat	Mask Pause	0
TRICKS		DIFFUSION	
# of RR Intervals	3	Recon All Images	On
Trigger Delay	205	CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	2		

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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		
Series Description	CUBE T2 HR gt 75		
SCAN TIMING		SCAN RANGE	
TE	Maximum	FOV	25.6
Number of Echoes	1	Slice Thickness	1.6
Echo Train Length	100	Location per Slab	128
Receiver Bandwidth	31.25	Overlap Locations	0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	256
Auto Trigger Type	Off	Freq DIR	S/I
Trigger Type	5	NEX	1.00
Minimum Trigger Delay	1	Phase FOV	1.00
Cardiac Phase	1	Auto Shim	Auto
Cardiac Slices	1	Phase Correction	No
		Flow Direction Compensation	Freq
FMRI		USER CVS	
PSD Trigger	Internal	User CV5	1.00
View Order	Bottom/Up		
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Separate Series	0
SAT		Inter-Delay	Minimum
Tag Type	None	Mask Phase	0
Fat/Water Saturation	Fat	Mask Pause	0
TRICKS		DIFFUSION	
# of RR Intervals	4	Recon All Images	On
Trigger Delay	205	CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	2		

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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		
	Series Description	CUBE T2 Ungated		
	SCAN TIMING		SCAN RANGE	
	TE	Maximum	FOV	25.6
	Number of Echoes	1	Slice Thickness	1.6
	TR	2500.0	Location per Slab	128
	Echo Train Length	100	Overlap Locations	0
	Receiver Bandwidth	31.25		
IMAGE ENHANCE		ACQ TIMING		
Filter Choice		Freq	256	
GATING/TRIGGER		Phase	256	
Auto Trigger Type		Freq DIR	S/I	
FMRI		NEX	1.00	
PSD Trigger		Phase FOV	1.00	
View Order		Auto Shim	Auto	
# of Repetitions REST		Phase Correction	No	
# of Repetitions ACTIVE		Flow Direction Compensation	Freq	
SAT				
Tag Type		USER CVS		
Fat/Water Saturation		User CV5	1.00	
TRICKS		MULTI-PHASE		
Pause On/Off		Separate Series	0	
Auto Subtract		Mask Phase	0	
Auto SCIC		Mask Pause	0	
DIFFUSION		DIFFUSION		
Recon All Images		Recon All Images	On	
CONTRAST		CONTRAST		
Contrast Yes/No		Contrast Yes/No	No	
CUBE T2 Ungated		CUBE T2 Ungated		