

3 Plane Localizer	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Gradient Echo
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	Seq, Fast
	Plane	3-PLANE	SCAN RANGE	
	Series Description	3 Plane Localizer	FOV	26.0
	SCAN TIMING		Slice Thickness	5.0
	Number of Echoes	1	Slice Spacing	5.0
	IMAGE ENHANCE		ACQ TIMING	
	Filter Choice	None	Freq	256
	GATING/TRIGGER		Phase	128
	Pause After Navigator Prescan	0	Freq DIR	Unswap
	FMRI		NEX	1.00
	PSD Trigger	Internal	Phase FOV	1.00
	View Order	Bottom/Up	Auto Shim	Auto
	# of Repetitions REST	0	Phase Correction	No
	# of Repetitions ACTIVE	0	RF Drive Mode	Quadrature (CP)
	SAT		Excitation Mode	Selective
	Tag Type	None	USER CVS	
	TRICKS		User CV20	1.00
	Pause On/Off	On	User CV Mask2	0
	Auto Subtract	0	MULTI-PHASE	
	Auto SCIC	Off	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	

3 Plane Localizer

Accelerated Sagittal MPRAGE (MSV22)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	MP-RAGE
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, ARC, IrP
	Plane	SAGITTAL	Phase	2.00
	Series Description	Accelerated Sagittal MPRAGE (MSV22)	Slice	1.00
	SCAN TIMING		SCAN RANGE	
	Flip Angle	9	FOV	25.6
	Number of Echoes	1	Slice Thickness	1.0
	TI	900	Location per Slab	208
	Receiver Bandwidth	31.25	Overlap Locations	0
	Recovery Time	800	Number of Slices	1
	IMAGE ENHANCE		ACQ TIMING	
	Filter Choice	None	Freq	256
	USER CVS		Phase	256
	User CV6	1.00	Freq DIR	S/I
	User CV30	1.00	Fat Shift DIR	Normal (S)
	User CV Mask2	512	NEX	1.00
	MULTI-PHASE		Phase FOV	0.94
	Seperate Series	0	Auto Shim	On
Trigger Delay without AV	0	Phase Correction	No	
Mask Phase	0	RF Drive Mode	Preset	
Mask Pause	0	Excitation Mode	Selective	
Preserve	0	FMRI		
TRICKS		PSD Trigger	Internal	
Pause On/Off	On	View Order	Bottom/Up	
Auto Subtract	0	# of Repetitions REST	0	
Auto SCIC	2	# of Repetitions ACTIVE	0	
OTHERS		DIFFUSION		
Protocol Notes	Please do not oblique. Please do not reduce the number of slices. Please do not adjust protocol values.	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	

Accelerated Sagittal MPRAGE (MSV22)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	MP-RAGE
Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, ARC, HS, IrP
Plane	SAGITTAL	Phase	3.00
Series Description	HS Sagittal MPRAGE (MSV22)	Slice	1.00
		HyperSense	1.50
SCAN TIMING		SCAN RANGE	
Flip Angle	9	FOV	25.6
Number of Echoes	1	Slice Thickness	1.0
TI	900	Location per Slab	208
Receiver Bandwidth	31.25	Overlap Locations	0
Recovery Time	800	Number of Slices	1
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
USER CVS		Phase	256
User CV6	1.00	Freq DIR	S/I
User CV30	1.00	Fat Shift DIR	Normal (S)
User CV Mask2	512	NEX	1.00
MULTI-PHASE		Phase FOV	0.94
Seperate Series	0	Auto Shim	On
Trigger Delay without AV	0	Phase Correction	No
Mask Phase	0	RF Drive Mode	Preset
Mask Pause	0	Excitation Mode	Selective
Preserve	0	FMRI	
TRICKS		PSD Trigger	Internal
Pause On/Off	On	View Order	Bottom/Up
Auto Subtract	0	# of Repetitions REST	0
Auto SCIC	2	# of Repetitions ACTIVE	0
OTHERS		DIFFUSION	
Protocol Notes	Please do not oblique. Please do not reduce the number of slices. Please do not adjust protocol values.	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

HS Sagittal MPRAGE (MSV22)

HS Sagittal MPRAGE (MSV22)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	Cube T2 FLAIR
Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, ARC, IrP
Plane	SAGITTAL	Phase	2.00
Series Description	Sagittal 3D FLAIR (MSV22)	Slice	2.00
SCAN TIMING		SCAN RANGE	
TE	104.0	FOV	25.6
Number of Echoes	1	Slice Thickness	1.0
TR	5000.0	Location per Slab	208
TI	1532	Overlap Locations	0
Echo Train Length	182	Number of Slices	1
Receiver Bandwidth	31.25	ACQ TIMING	
IMAGE ENHANCE		Freq	256
Filter Choice	None	Phase	256
USER CVS		Freq DIR	S/I
User CV5	1.00	Fat Shift DIR	Normal (S)
User CV30	1.00	NEX	1.00
User CV32	1.00	Phase FOV	1.00
User CV Mask2	514	Auto Shim	Auto
MULTI-PHASE		Phase Correction	No
Seperate Series	0	RF Drive Mode	Preset
Mask Phase	0	Excitation Mode	Non-Selective
Mask Pause	0	FMRI	
Preserve	0	PSD Trigger	Internal
DIFFUSION		View Order	Bottom/Up
Recon All Images	On	# of Repetitions REST	0
Multi b-values	1000.0;	# of Repetitions ACTIVE	0
Multi NEX Values	1.0;	SAT	
# Synthetic b-values	1	Tag Type	None
Synthetic b-value	1000.0;	Fat/Water Saturation	Fat
CONTRAST		TRICKS	
Contrast Yes/No	No	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	2
		OTHERS	
		Protocol Notes	Please do not oblique. Please do not reduce the number of slices. Please do not adjust protocol values.

Sagittal 3D FLAIR (MSV22)

Sagittal 3D FLAIR (MSV22)

Sagittal 3D T2 Cube (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	GE48chHeadAnt;GE48chHeadPos	Imaging Options	EDR, Fast, FR, ARC
	Plane	SAGITTAL	Phase	2.00
	Series Description	Sagittal 3D T2 Cube (MSV21)	Slice	2.00
	SCAN TIMING		SCAN RANGE	
	TE	Maximum	FOV	25.6
	Number of Echoes	1	Slice Thickness	1.0
	TR	2500.0	Location per Slab	208
	Echo Train Length	100	Overlap Locations	0
	Receiver Bandwidth	62.50	Number of Slices	1
	IMAGE ENHANCE		ACQ TIMING	
	Filter Choice	None	Freq	256
	USER CVS		Phase	256
	User CV29	1.00	Freq DIR	S/I
	User CV32	1.00	Fat Shift DIR	Normal (S)
	User CV Mask2	514	NEX	1.00
	MULTI-PHASE		Phase FOV	1.00
	Seperate Series	0	Auto Shim	Auto
	Mask Phase	0	Phase Correction	No
	Mask Pause	0	RF Drive Mode	Preset
	Preserve	0	Excitation Mode	Non-Selective
	DIFUSION		FMRI	
	Recon All Images	On	PSD Trigger	Internal
Multi b-values	1000.0;	View Order	Bottom/Up	
Multi NEX Values	1.0;	# of Repetitions REST	0	
# Synthetic b-values	1	# of Repetitions ACTIVE	0	
Synthetic b-value	1000.0;	SAT		
CONTRAST		Tag Type	None	
Contrast Yes/No	No	TRICKS		
		Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	2	

Sagittal 3D T2 Cube (MSV21)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	FC, EDR
Plane	AXIAL	SCAN RANGE	
Series Description	Axial T2 Star (MSV21)	FOV	22.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	20	Slice Spacing	0.0
TE	20.0	Number of Slices	50
Number of Echoes	1	ACQ TIMING	
TR	650.0	Freq	256
Receiver Bandwidth	25.00	Phase	192
IMAGE ENHANCE		Freq DIR	A/P
Filter Choice	None	NEX	1.00
GATING/TRIGGER		# of Acq. Before Pause	0
Pause After Navigator Prescan	0	Phase FOV	1.00
FMRI		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
View Order	Bottom/Up	RF Drive Mode	Preset
# of Repetitions REST	0	Excitation Mode	Selective
# of Repetitions ACTIVE	0	USER CVS	
SAT		User CV Mask2	0
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
OTHERS		DIFFUSION	
Protocol Notes	Please do not oblique. Please do not reduce the number of slices. Please do not adjust protocol values.	Recon All Images	On
		# Synthetic b-values	1
		Synthetic b-value	1000.0;
		CONTRAST	
		Contrast Yes/No	No

Axial T2 Star (MSV21)

Axial T2 Star (MSV21)

Axial 3D pCASL 1025 (Eyes Open) (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	3DASL
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, Spiral
	Plane	AXIAL	SCAN RANGE	
	Series Description	Axial 3D pCASL 1025 (Eyes Open) (MSV21)	FOV	24.0
	SCAN TIMING		Slice Thickness	4.0
	Number of Echoes	1	Number of Slices	1
	Receiver Bandwidth	62.50	ACQ TIMING	
	Post Label Delay	1025.0	Freq	768
	IMAGE ENHANCE		Phase	6
	Filter Choice	None	Freq DIR	R/L
	GATING/TRIGGER		NEX	1.00
	Pause After Navigator	0	Auto Shim	Auto
	Prescan		Phase Correction	No
	FMRI		RF Drive Mode	Preset
	PSD Trigger	Internal	Excitation Mode	Selective
	Slice Order	Interleaved	USER CVS	
	View Order	Bottom/Up	User CV Mask2	0
	# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Separate Series	0	
SAT		Delay after Acquisition without AV	0	
Tag Type	None	Mask Phase	0	
TRICKS		Mask Pause	0	
Pause On/Off	On	Preserve	0	
Auto Subtract	0	DIFFUSION		
Auto SCIC	Off	Recon All Images	On	
OTHERS		# Synthetic b-values	1	
Protocol Notes	Tips: -When prescribing the 3D slab, the bottom of the slab should be positioned at the bottom of the cerebellum			
		Synthetic b-value	1000.0;	
		CONTRAST		
		Contrast Yes/No	No	

Axial 3D pCASL 1025 (Eyes Open) (MSV21)

Axial 3D pCASL 1525 (Eyes Open) (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	3DASL
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, Spiral
	Plane	AXIAL	SCAN RANGE	
	Series Description	Axial 3D pCASL 1525 (Eyes Open) (MSV21)	FOV	24.0
	SCAN TIMING		Slice Thickness	4.0
	Number of Echoes	1	Number of Slices	1
	Receiver Bandwidth	62.50	ACQ TIMING	
	Post Label Delay	1525.0	Freq	768
	IMAGE ENHANCE		Phase	6
	Filter Choice	None	Freq DIR	R/L
	GATING/TRIGGER		NEX	1.00
	Pause After Navigator	0	Auto Shim	Auto
	Prescan		Phase Correction	No
	FMRI		RF Drive Mode	Preset
	PSD Trigger	Internal	Excitation Mode	Selective
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV Mask2	0
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Separate Series	0
	Tag Type	None	Delay after Acquisition without AV	0
	TRICKS		Mask Phase	0
	Pause On/Off	On	Mask Pause	0
	Auto Subtract	0	Preserve	0
	Auto SCIC	Off	DIFFUSION	
	OTHERS		Recon All Images	On
	Protocol Notes	Tips: -When prescribing the 3D slab, the bottom of the slab should be positioned at the bottom of the cerebellum	# Synthetic b-values	1
		Synthetic b-value	1000.0;	
		CONTRAST		
		Contrast Yes/No	No	

Axial 3D pCASL 1525 (Eyes Open) (MSV21)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	3D
Patient Position	Supine	Pulse Sequence	3DASL
Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, Spiral
Plane	AXIAL	SCAN RANGE	
Series Description	Axial 3D pCASL 2025 (Eyes Open) (MSV21)	FOV	24.0
SCAN TIMING		Slice Thickness	4.0
Number of Echoes	1	Number of Slices	1
Receiver Bandwidth	62.50	ACQ TIMING	
Post Label Delay	2025.0	Freq	768
IMAGE ENHANCE		Phase	6
Filter Choice	None	Freq DIR	R/L
GATING/TRIGGER		NEX	1.00
Pause After Navigator	0	Auto Shim	Auto
Prescan		Phase Correction	No
FMRI		RF Drive Mode	Preset
PSD Trigger	Internal	Excitation Mode	Selective
View Order	Bottom/Up	USER CVS	
# of Repetitions REST	0	User CV Mask2	0
# of Repetitions ACTIVE	0	MULTI-PHASE	
SAT		Separate Series	0
Tag Type	None	Delay after Acquisition without AV	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	Preserve	0
Auto SCIC	Off	DIFFUSION	
OTHERS		Recon All Images	On
Protocol Notes	Tips: -When prescribing the 3D slab, the bottom of the slab should be positioned at the bottom of the cerebellum	# Synthetic b-values	1
		Synthetic b-value	1000.0;
		CONTRAST	
		Contrast Yes/No	No

Axial 3D pCASL 2025 (Eyes Open) (MSV21)

Axial 3D pCASL 2025 (Eyes Open) (MSV21)

Axial 3D pCASL 2525 (Eyes Open) (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	3DASL
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, Spiral
	Plane	AXIAL	SCAN RANGE	
	Series Description	Axial 3D pCASL 2525 (Eyes Open) (MSV21)	FOV	24.0
	SCAN TIMING		Slice Thickness	4.0
	Number of Echoes	1	Number of Slices	1
	Receiver Bandwidth	62.50	ACQ TIMING	
	Post Label Delay	2525.0	Freq	768
	IMAGE ENHANCE		Phase	6
	Filter Choice	None	Freq DIR	R/L
	GATING/TRIGGER		NEX	1.00
	Pause After Navigator	0	Auto Shim	Auto
	Prescan		Phase Correction	No
	FMRI		RF Drive Mode	Preset
	PSD Trigger	Internal	Excitation Mode	Selective
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV Mask2	0
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Separate Series	0
	Tag Type	None	Delay after Acquisition without AV	0
	TRICKS		Mask Phase	0
	Pause On/Off	On	Mask Pause	0
	Auto Subtract	0	Preserve	0
	Auto SCIC	Off	DIFFUSION	
	OTHERS		Recon All Images	On
	Protocol Notes	Tips: -When prescribing the 3D slab, the bottom of the slab should be positioned at the bottom of the cerebellum	# Synthetic b-values	1
		Synthetic b-value	1000.0;	
		CONTRAST		
		Contrast Yes/No	No	

Axial 3D pCASL 2525 (Eyes Open) (MSV21)

Axial 3D pCASL 3025 (Eyes Open) (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	3DASL
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, Fast, Spiral
	Plane	AXIAL	SCAN RANGE	
	Series Description	Axial 3D pCASL 3025 (Eyes Open) (MSV21)	FOV	24.0
	SCAN TIMING		Slice Thickness	4.0
	Number of Echoes	1	Number of Slices	1
	Receiver Bandwidth	62.50	ACQ TIMING	
	Post Label Delay	3025.0	Freq	768
	IMAGE ENHANCE		Phase	6
	Filter Choice	None	Freq DIR	R/L
	GATING/TRIGGER		NEX	1.00
	Pause After Navigator	0	Auto Shim	Auto
	Prescan		Phase Correction	No
	FMRI		RF Drive Mode	Preset
	PSD Trigger	Internal	Excitation Mode	Selective
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV Mask2	0
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Separate Series	0
	Tag Type	None	Delay after Acquisition without AV	0
	TRICKS		Mask Phase	0
	Pause On/Off	On	Mask Pause	0
	Auto Subtract	0	Preserve	0
Auto SCIC	Off	DIFFUSION		
OTHERS		Recon All Images	On	
Protocol Notes	Tips: -When prescribing the 3D slab, the bottom of the slab should be positioned at the bottom of the cerebellum	# Synthetic b-values	1	
		Synthetic b-value	1000.0;	
		CONTRAST		
		Contrast Yes/No	No	

Axial 3D pCASL 3025 (Eyes Open) (MSV21)

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	GE48chHeadAnt;GE48chHeadPos	Imaging Options	EPI, DIFF, Asset
Plane	AXIAL	Phase	2.00
Series Description	Axial DTI	SCAN RANGE	
SCAN TIMING		FOV	23.2
TE	Minimum	Slice Thickness	2.0
Number of Echoes	1	Slice Spacing	0.0
TR	9000.0	Number of Slices	80
Number of Shots	1	ACQ TIMING	
IMAGE ENHANCE		Freq	116
Filter Choice	None	Phase	116
USER CVS		Freq DIR	R/L
User CV5	1.00	Phase FOV	1.00
User CV Mask2	512	Auto Shim	Auto
MULTI-PHASE		Phase Correction	Yes
Seperate Series	0	RF Drive Mode	Preset
Mask Phase	0	Excitation Mode	Selective
Mask Pause	0	FMRI	
Preserve	0	PSD Trigger	Internal
DIFFUSION		View Order	Bottom/Up
Optimized TE	No	# of Repetitions REST	0
Diffusion Directions	Tensor	# of Repetitions ACTIVE	0
Number of Diffusion Directions	48	SAT	
Number of T2 Images	6	Tag Type	None
Dual Spin Echo	Off	Fat/Water Saturation	Fat
Diffusion Tensor Processing Output	No Selection	TRICKS	
Recon All Images	Off	Pause On/Off	On
Multi b-values	1000.0;	Auto Subtract	0
Multi NEX Values	1.0;	Auto SCIC	2
Real Time Field Adjustment	1	OTHERS	
CONTRAST		Protocol Notes	Please do not oblique. Please do not reduce the number of slices. Please do not adjust protocol values.
Contrast Yes/No	No		

Axial DTI

Axial DTI

Axial HB rsfMRI (Eyes Open) (MSV22)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Gradient Echo
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	EDR, MPh, EPI, ARC, HB
	Plane	AXIAL	Phase	1.00
	Series Description	Axial HB rsfMRI (Eyes Open) (MSV22)	HyperBand Slice	3
	SCAN TIMING		SCAN RANGE	
	Flip Angle	90	FOV	22.0
	TE	30.0	Slice Thickness	3.4
	Number of Echoes	1	Slice Spacing	0.0
	TR	1500.0	Number of Slices	48
	Number of Shots	1	ACQ TIMING	
	IMAGE ENHANCE		Freq	64
	Filter Choice	None	Phase	64
	GATING/TRIGGER		Freq DIR	R/L
	Pause After Navigator	0	NEX	1.00
	Prescan		Phase FOV	1.00
	FMRI		Auto Shim	Auto
	Initial State	Control	Phase Correction	Yes
	PSD Trigger	Internal	RF Drive Mode	Preset
	View Order	Bottom/Up	Excitation Mode	Selective
	# of Repetitions REST	0	USER CVS	
	# of Repetitions ACTIVE	0	User CV0	1.00
	SAT		User CV Mask2	0
	Tag Type	None	MULTI-PHASE	
Fat/Water Saturation	Fat	Slice per Location	200	
TRICKS		Phase Acquisition Order	Interleaved	
Pause On/Off	On	Delay after Acquisition	Minimum	
Auto Subtract	0	Separate Series	0	
Auto SCIC	Off	Delay after Acquisition without AV	2	
OTHERS		Mask Phase	0	
Protocol Notes	*Instruct patient to keep eyes open during this scan and to focus on 1 spot. Cover brain in one acq, ensure slab is positioned from inferior to superior. Must have 48 slices, please do not subtract or add any slices. Do not oblique slices. (Do not change series description)			
		Mask Pause	0	
		DIFFUSION		
		Recon All Images	On	
		# Synthetic b-values	1	
		Synthetic b-value	1000.0;	
		CONTRAST		
		Contrast Yes/No	No	

Axial HB rsfMRI (Eyes Open) (MSV22)

Protocol: adult_other_ADNI4_GE_29.0_48CH_20220901

HighResHippo (MSV21)	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GE48chHeadPos;GE48chHeadAnt	Imaging Options	Fast, Asset
	Plane	OBLIQUE	Phase	2.00
	Series Description	HighResHippo (MSV21)	SCAN RANGE	
	SCAN TIMING		FOV	17.5
	Flip Angle	122	Slice Thickness	2.0
	TE	50.0	Slice Spacing	Intleave
	Number of Echoes	1	Number of Slices	30
	TR	8020.0	ACQ TIMING	
	Echo Train Length	15	Freq	448
	Receiver Bandwidth	20.83	Phase	448
	IMAGE ENHANCE		Freq DIR	S/I
	Filter Choice	None	Fat Shift DIR	Normal (I)
	USER CVS		NEX	1.00
	User CV29	1.00	# of Acq. Before Pause	0
	User CV30	1.00	Phase FOV	1.00
	User CV Mask2	0	Auto Shim	Auto
	MULTI-PHASE		Phase Correction	Yes
	Seperate Series	0	RF Drive Mode	Preset
	Mask Phase	0	Excitation Mode	Selective
	Mask Pause	0	FMRI	
	Preserve	0	PSD Trigger	Internal
	DIFFUSION		Slice Order	Interleaved
Recon All Images	On	View Order	Bottom/Up	
# Synthetic b-values	1	# of Repetitions REST	0	
Synthetic b-value	1000.0;	# of Repetitions ACTIVE	0	
CONTRAST		SAT		
Contrast Yes/No	No	Tag Type	None	
		TRICKS		
		Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	2	
		OTHERS		
		Protocol Notes	Angle the slices perpendicular to the hippocampul body. Please refer to the study manual for further details.	