

3-Plane Localizer	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Spin Echo
	Coil Configuration	GEM Head	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC
	Plane	3-PLANE	SCAN RANGE	
	Series Description	3-Plane Localizer	FOV	24.0
	SCAN TIMING		Slice Thickness	10.0
	TE	80.0	Slice Spacing	5.0
	Number of Echoes	1	ACQ TIMING	
	TR	600.0	Freq	288
	Receiver Bandwidth	83.33	Phase	128
	IMAGE ENHANCE		Freq DIR	Unswap
	Filter Choice	None	# of Acq. Before Pause	0
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	No
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV1	1.00
	# of Repetitions REST	0	MULTI-PHASE	
	# of Repetitions ACTIVE	0	Seperate Series	0
	SAT		Mask Phase	0
	Tag Type	None	Mask Pause	0
	TRICKS		DIFFUSION	
	Pause On/Off	On	Recon All Images	On
	Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No	

3-Plane Localizer

SAGITTAL T1W	PATIENT POSITION		IMAGING PARAMETERS		SAGITTAL T1W
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Spin Echo	
	Coil Configuration	GEM Head	Imaging Options	NPW, EDR, ARC	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	SAGITTAL T1W	FOV	22.0	
	SCAN TIMING		Slice Thickness	5.0	
	TE	Min Full	Slice Spacing	1.0	
	Number of Echoes	1	ACQ TIMING		
	TR	484.0	Freq	352	
	Receiver Bandwidth	41.67	Phase	256	
	IMAGE ENHANCE		Freq DIR	S/I	
	Filter Choice	None	NEX	2.00	
	GATING/TRIGGER		Auto Shim	Auto	
	Auto Trigger Type	Off	Phase Correction	No	
	FMRI		USER CVS		
	PSD Trigger	Internal	User CV4	1.00	
	View Order	Bottom/Up	TR Min	400.0	
	# of Repetitions REST	0	TR Max	600.0	
	# 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	Recon All Images	On	
Auto SCIC	2	CONTRAST			
		Contrast Yes/No	No		

AXIAL T2W FLAIR	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	FC, EDR, TRF, Fast, ARC, T2flair
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL T2W FLAIR	FOV	22.0
	SCAN TIMING		Slice Thickness	5.0
	Flip Angle	160	Slice Spacing	1.0
	TE	140.0	ACQ TIMING	
	Number of Echoes	1	Freq	384
	TR	8800.0	Phase	192
	TI	2548	Freq DIR	A/P
	Echo Train Length	20	Fat Shift DIR	Normal (A)
	Receiver Bandwidth	41.67	NEX	2.00
	IMAGE ENHANCE		Phase FOV	1.00
	Filter Choice	None	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	No
	Auto Trigger Type	Off	Flow Direction	Slice
	FMRI		Compensation	
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV18	1.00
	# of Repetitions REST	0	MULTI-PHASE	
	# of Repetitions ACTIVE	0	Seperate Series	0
	SAT		Mask Phase	0
	Tag Type	None	Mask Pause	0
	TRICKS		DIFFUSION	
	Pause On/Off	On	Recon All Images	On
	Auto Subtract	0	CONTRAST	
Auto SCIC	2	Contrast Yes/No	No	

AXIAL T2W FLAIR

AXIAL T2W	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	FC, EDR, TRF, Fast, FR
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL T2W	FOV	22.0
	SCAN TIMING		Slice Thickness	5.0
	Flip Angle	160	Slice Spacing	1.0
	TE	105.0	ACQ TIMING	
	Number of Echoes	1	Freq	352
	TR	5090.0	Phase	256
	Echo Train Length	19	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	None	Phase FOV	1.00
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	No
	FMRI		Flow Direction Compensation	Slice
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV18	1.00
	# of Repetitions REST	0	User CV22	1.00
	# of Repetitions ACTIVE	0	TR Min	2500.0
	SAT		TR Max	11000.0
	SAT Location	I	MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	TRICKS		Mask Phase	0
	Pause On/Off	On	Mask Pause	0
	Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Recon All Images	On	
		CONTRAST		
		Contrast Yes/No	No	

AXIAL T2W

AXIAL GRE	PATIENT POSITION		IMAGING PARAMETERS		AXIAL GRE
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Gradient Echo	
	Coil Configuration	GEM Head	Imaging Options	FC, EDR, ZIP512	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	AXIAL GRE	FOV	22.0	
	SCAN TIMING		Slice Thickness	5.0	
	Flip Angle	20	Slice Spacing	1.0	
	TE	26.0	ACQ TIMING		
	Number of Echoes	1	Freq	256	
	TR	450.0	Phase	128	
	Receiver Bandwidth	31.25	Freq DIR	A/P	
	IMAGE ENHANCE		NEX	0.75	
	Filter Choice	None	# of Acq. Before Pause	0	
	GATING/TRIGGER		Phase FOV	1.00	
	Auto Trigger Type	Off	Auto Shim	Auto	
	MULTI-PHASE		Phase Correction	No	
	Seperate Series	0	FMRI		
	Mask Phase	0	PSD Trigger	Internal	
	Mask Pause	0	View Order	Bottom/Up	
DIFFUSION		# of Repetitions REST	0		
Recon All Images	On	# of Repetitions ACTIVE	0		
CONTRAST		SAT			
Contrast Yes/No	No	Tag Type	None		
		TRICKS			
		Pause On/Off	On		
		Auto Subtract	0		
		Auto SCIC	2		

Ax DWI ALL B-1000	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	Spin Echo
	Coil Configuration	GEM Head	Imaging Options	EPI, DIFF, Asset
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Ax DWI ALL B-1000	FOV	24.0
	SCAN TIMING		Slice Thickness	5.0
	TE	Minimum	Slice Spacing	1.0
	Number of Echoes	1	ACQ TIMING	
	TR	9400.0	Freq	160
	Number of Shots	1	Phase	192
	IMAGE ENHANCE		Freq DIR	R/L
	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	User CV5	1.00
	# of Repetitions REST	0	User CV7	1.00
	# of Repetitions ACTIVE	0	User CV17	1.00
	SAT		MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	TRICKS		Mask Phase	0
	Pause On/Off	On	Mask Pause	0
	Auto Subtract	0	DIFFUSION	
Auto SCIC	2	Optimized TE	Yes	
		Diffusion Directions	All	
		Number of Diffusion Directions	3	
		Number of T2 Images	1	
		Dual Spin Echo	Off	
		Recon All Images	On	
		CONTRAST		
		Contrast Yes/No	No	

Ax DWI ALL B-1000

COR T2 WHOLE BRAIN	PATIENT POSITION		IMAGING PARAMETERS		COR T2 WHOLE BRAIN
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	GEM Head	Imaging Options	EDR, TRF, Fast, ZIP512	
	Plane	CORONAL	SCAN RANGE		
	Series Description	COR T2 WHOLE BRAIN	FOV	22.0	
	SCAN TIMING		Slice Thickness	5.0	
	Flip Angle	160	Slice Spacing	1.0	
	TE	102.0	ACQ TIMING		
	Number of Echoes	1	Freq	384	
	TR	5800.0	Phase	224	
	Echo Train Length	16	Freq DIR	S/I	
	Receiver Bandwidth	20.83	Fat Shift DIR	Normal (I)	
	IMAGE ENHANCE		NEX	2.00	
	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 CV22	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		
	TRICKS		Recon All Images	On	
	Pause On/Off	On	CONTRAST		
	Auto Subtract	0	Contrast Yes/No	No	
	Auto SCIC	2			

AXIAL FIESTA	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Fiesta
	Coil Configuration	GEM Head	Imaging Options	EDR, Fast, ZIP512, ZIP4
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL FIESTA	FOV	18.0
	SCAN TIMING		Slice Thickness	0.8
	Flip Angle	45	Location per Slab	50
	TE	Minimum	Overlap Locations	0
	Number of Echoes	1	ACQ TIMING	
	Receiver Bandwidth	31.25	Freq	256
	IMAGE ENHANCE		Phase	160
	Filter Choice	None	Freq DIR	A/P
	GATING/TRIGGER		NEX	4.00
	Auto Trigger Type	Off	Phase FOV	0.90
	FMRI		Auto Shim	Auto
	PSD Trigger	Internal	Phase Correction	No
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV23	100.00
	# 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	Recon All Images	On
Auto SCIC	2	CONTRAST		
		Contrast Yes/No	No	

AXIAL FIESTA

AXIAL STIR NECK	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	Seq, EDR, TRF, Fast, IrP
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL STIR NECK	FOV	22.0
	SCAN TIMING		Slice Thickness	4.0
	Flip Angle	160	Slice Spacing	2.0
	TE	42.0	ACQ TIMING	
	Number of Echoes	1	Freq	256
	TR	5765.0	Phase	160
	TI	150	Freq DIR	R/L
	Echo Train Length	12	Fat Shift DIR	Normal (L)
	Receiver Bandwidth	31.25	NEX	3.00
	IMAGE ENHANCE		Phase FOV	1.00
	Filter Choice	None	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	No
	Auto Trigger Type	Off	USER CVS	
	FMRI		User CV22	1.00
	PSD Trigger	Internal	TR Min	2000.0
	View Order	Bottom/Up	TR Max	15000.0
	# of Repetitions REST	0	MULTI-PHASE	
	# of Repetitions ACTIVE	0	Seperate Series	0
	SAT		Mask Phase	0
	SAT Location	S	Mask Pause	0
SAT Location	I	DIFFUSION		
Tag Type	None	Recon All Images	On	
TRICKS		CONTRAST		
Pause On/Off	On	Contrast Yes/No	No	
Auto Subtract	0			
Auto SCIC	Off			

AXIAL STIR NECK

AXIAL 3D TOF COW	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Vasc TOF SPGR
	Coil Configuration	GEM Head	Imaging Options	FC, EDR, ZIP2, Asset
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL 3D TOF COW	FOV	24.0
	SCAN TIMING		Slice Thickness	1.0
	Flip Angle	20	Location per Slab	56
	TE	Out of Phase	Overlap Locations	20
	Number of Echoes	1	ACQ TIMING	
	TR	24.0	Freq	300
	Receiver Bandwidth	31.25	Phase	240
	IMAGE ENHANCE		Freq DIR	A/P
	Filter Choice	C	NEX	1.00
	GATING/TRIGGER		Phase FOV	0.65
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	No
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV5	1.00
	# of Repetitions REST	0	MULTI-PHASE	
	# of Repetitions ACTIVE	0	Seperate Series	0
	SAT		Mask Phase	0
	SAT Location	S	Mask Pause	0
	Tag Type	None	VASCULAR	
	DIFUSION		# of Collapse Images	Off
	Recon All Images	On	# of Projection Images	0
	CONTRAST		Ramp Pulse	I/P/L
	Contrast Yes/No	No	TRICKS	
		Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	On	

AXIAL 3D TOF COW

Ax 3D TOF NECK	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Vasc TOF SPGR
	Coil Configuration	GEM Head	Imaging Options	FC, EDR, ZIP512, ZIP2
	Plane	AXIAL	SCAN RANGE	
	Series Description	Ax 3D TOF NECK	FOV	22.0
	SCAN TIMING		Slice Thickness	2.4
	Flip Angle	20	Location per Slab	20
	TE	Minimum	Overlap Locations	6
	Number of Echoes	1	ACQ TIMING	
	TR	23.0	Freq	320
	Receiver Bandwidth	20.83	Phase	192
	IMAGE ENHANCE		Freq DIR	R/L
	Filter Choice	None	NEX	0.85
	GATING/TRIGGER		Phase FOV	0.88
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	No
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV5	1.00
	# of Repetitions REST	0	User CV9	1.00
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Seperate Series	0
	SAT Location	S	Mask Phase	0
	Concat SAT	1	Mask Pause	0
	Tag Type	None	VASCULAR	
Fat/Water Saturation	Fat	# of Collapse Images	Off	
DIFFUSION		# of Projection Images	19	
Recon All Images	On	Ramp Pulse	I->S	
CONTRAST		TRICKS		
Contrast Yes/No	No	Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	2	

Ax 3D TOF NECK

AXIAL T1W PRE GAD FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	EDR, TRF, Fast, ZIP512, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL T1W PRE GAD FSE	FOV	20.0
	SCAN TIMING		Slice Thickness	2.0
	Flip Angle	160	Slice Spacing	0.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	256
	TR	400.0	Phase	192
	Echo Train Length	3	Freq DIR	A/P
	Receiver Bandwidth	22.73	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	4.00
	Filter Choice	None	# of Acq. Before Pause	0
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	MULTI-PHASE		Phase Correction	Yes
	Seperate Series	0	FMRI	
	Mask Phase	0	PSD Trigger	Internal
	Mask Pause	0	View Order	Bottom/Up
	DIFFUSION		# of Repetitions REST	0
	Recon All Images	On	# of Repetitions ACTIVE	0
	CONTRAST		SAT	
Contrast Yes/No	No	Tag Type	None	
		TRICKS		
		Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	2	

AXIAL T1W PRE GAD FSE

AXIAL T1W POST GAD FAT SAT FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	EDR, TRF, Fast, ZIP512, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	AXIAL T1W POST GAD FAT SAT FSE	FOV	20.0
	SCAN TIMING		Slice Thickness	2.0
	Flip Angle	160	Slice Spacing	0.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	256
	TR	539.0	Phase	192
	Echo Train Length	3	Freq DIR	A/P
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	4.00
	Filter Choice	None	# of Acq. Before Pause	0
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	Yes
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV19	1.00
# of Repetitions REST	0	TR Min	400.0	
# of Repetitions ACTIVE	0	TR Max	600.0	
SAT		MULTI-PHASE		
Tag Type	None	Seperate Series	0	
Fat/Water Saturation	Fat	Mask Phase	0	
TRICKS		Mask Pause	0	
Pause On/Off	On	DIFFUSION		
Auto Subtract	0	Recon All Images	On	
Auto SCIC	2	CONTRAST		
		Contrast Yes/No	Yes	

AXIAL T1W POST GAD FAT SAT FSE

CORONAL T1W POST GAD FAT SAT FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head	Imaging Options	EDR, TRF, Fast, ZIP512, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	CORONAL T1W POST GAD FAT SAT FSE	FOV	20.0
	SCAN TIMING		Slice Thickness	2.0
	Flip Angle	160	Slice Spacing	0.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	256
	TR	539.0	Phase	192
	Echo Train Length	3	Freq DIR	S/I
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (I)
	IMAGE ENHANCE		NEX	4.00
	Filter Choice	None	# of Acq. Before Pause	0
	GATING/TRIGGER		Phase FOV	1.00
	Auto Trigger Type	Off	Auto Shim	Auto
	FMRI		Phase Correction	Yes
	PSD Trigger	Internal	USER CVS	
	View Order	Bottom/Up	User CV19	1.00
	# of Repetitions REST	0	TR Min	400.0
	# of Repetitions ACTIVE	0	TR Max	600.0
	SAT		MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	Fat/Water Saturation	Fat	Mask Phase	0
TRICKS		Mask Pause	0	
Pause On/Off	On	DIFFUSION		
Auto Subtract	0	Recon All Images	On	
Auto SCIC	2	CONTRAST		
		Contrast Yes/No	Yes	

CORONAL T1W POST GAD FAT SAT FSE

AXIAL BRAVO POST GAD	PATIENT POSITION		IMAGING PARAMETERS		AXIAL BRAVO POST GAD
	Patient Entry	Head First	Imaging Mode	3D	
	Patient Position	Supine	Pulse Sequence	BRAVO	
	Coil Configuration	GEM Head	Imaging Options	EDR, Fast, ZIP512, ZIP2, ARC, IrP	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	AXIAL BRAVO POST GAD	FOV	24.0	
	SCAN TIMING		Slice Thickness	1.2	
	Flip Angle	12	Location per Slab	152	
	Number of Echoes	1	Overlap Locations	0	
	TI	450	ACQ TIMING		
	Receiver Bandwidth	31.25	Freq	240	
	IMAGE ENHANCE		Phase	240	
	Filter Choice	None	Freq DIR	Unswap	
	GATING/TRIGGER		NEX	1.00	
	Auto Trigger Type	Off	Phase FOV	1.00	
	MULTI-PHASE		Auto Shim	Auto	
	Seperate Series	0	Phase Correction	No	
	Trigger Delay without AV	0	FMRI		
	Mask Phase	0	PSD Trigger	Internal	
	Mask Pause	0	View Order	Bottom/Up	
DIFFUSION		# of Repetitions REST	0		
Recon All Images	On	# of Repetitions ACTIVE	0		
CONTRAST		SAT			
Contrast Yes/No	Yes	Tag Type	None		
		TRICKS			
		Pause On/Off	On		
		Auto Subtract	0		
		Auto SCIC	2		