

McLeod Pavilion

Protocol: adult_neck_Carotids

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Head;Neck	Imaging Options	Seq, EDR, Fast, SS, FR, ARC
Plane	3-PLANE		
Series Description	3-Plane Localizer		
SCAN TIMING		SCAN RANGE	
TE	80.0	FOV	34.0
Number of Echoes	1	Slice Thickness	5.0
TR	Minimum	Slice Spacing	15.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	384
		Phase	160
GATING/TRIGGER		Freq DIR	Unswap
Auto Trigger Type	Off	# of Acq. Before Pause	0
		Phase FOV	1.00
FMRI		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
View Order	Bottom/Up	USER CVS	
# of Repetitions REST	0	User CV2	240.00
# of Repetitions ACTIVE	0	User CV13	1.00
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
		Mask Phase	0
TRICKS		Mask Pause	0
Pause On/Off	On	DIFFUSION	
Auto Subtract	0	Recon All Images	On
Auto SCIC	Off	CONTRAST	
		Contrast Yes/No	No

3-Plane Localizer

3-Plane Localizer

OTHERS

Protocol Notes

Waveform Display

- Cardiac Gating
- Respiratory
- PG Display

Gating Control

Cardiac Gating Selection

- Independent Vector Ga
- Standard Gating (ECG
- ECG Noise Filter
- 3rd party Patient Moni
with Gating

*Turn on gating controls
before setting up the axial
inflow*

Protocol: adult_neck_Carotids

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Inhance InFlow
Coil Configuration	Head;Neck	Imaging Options	FC, Gat, Seq, Fast, Asset
Plane	AXIAL	SCAN RANGE	
Series Description	Axial 2D InFlow gated ASSET	FOV	24.0
SCAN TIMING		Slice Thickness	2.0
Flip Angle	70	Slice Spacing	0.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	256
TR	Minimum	Phase	192
Receiver Bandwidth	31.25	Freq DIR	R/L
IMAGE ENHANCE		NEX	1.00
Filter Choice	None	# of Acq. Before Pause	0
GATING/TRIGGER		Phase FOV	0.70
Auto Trigger Type	On	Auto Shim	Auto
Trigger Type	0	Phase Correction	No
Minimum Trigger Delay	1	USER CVS	
Views per Segment	32	User CV4	10.00
FMRI		MULTI-PHASE	
PSD Trigger	Internal	Seperate Series	0
View Order	Bottom/Up	Mask Phase	0
# of Repetitions REST	0	Mask Pause	0
# of Repetitions ACTIVE	0	VASCULAR	
SAT		# of Collapse Images	Off
SAT Location	S	# of Projection Images	19
Tag Type	None	TRICKS	
DIFFUSION		Trigger Delay	96
Recon All Images	On	Pause On/Off	On
CONTRAST		Auto Subtract	0
Contrast Yes/No	No	Auto SCIC	Off

Axial 2D InFlow gated ASSET

Axial 2D InFlow gated ASSET

OTHERS

Protocol Notes

Waveform Display

- Cardiac Gating
- Respiratory
- PG Display

*Turn on gating controls
before setting up the axial
inflow*

McLeod Pavilion

Protocol: adult_neck_Carotids

Ax 3D TOF SPGR	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Vasc TOF SPGR
	Coil Configuration	Head;Neck	Imaging Options	FC, EDR, ZIP512, ZIP2, ARC
	Plane	AXIAL	SCAN RANGE	
	Series Description	Ax 3D TOF SPGR	FOV	24.0
	SCAN TIMING		Slice Thickness	2.4
	Flip Angle	20	Location per Slab	40
	TE	Out of Phase	Overlap Locations	14
	Number of Echoes	1	ACQ TIMING	
	TR	26.0	Freq	288
	Receiver Bandwidth	62.50	Phase	160
	IMAGE ENHANCE		Freq DIR	R/L
	Filter Choice	None	NEX	1.00
	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	MULTI-PHASE	
	# of Repetitions ACTIVE	0	Seperate Series	0
	SAT		Mask Phase	0
	SAT Location	S	Mask Pause	0
	Tag Type	None	VASCULAR	
	DIFFUSION		# of Collapse Images	Off
	Recon All Images	On	# of Projection Images	19
	CONTRAST		Ramp Pulse	I->S
	Contrast Yes/No	No	TRICKS	
		Pause On/Off	On	
		Auto Subtract	0	
		Auto SCIC	2	

Ax 3D TOF SPGR

McLeod Pavilion

Protocol: adult_neck_Carotids

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	Head;Neck	Imaging Options	Seq, Fast
Plane	3-PLANE	SCAN RANGE	
Series Description	---Contrast---	FOV	45.0
SCAN TIMING		Slice Thickness	5.0
Number of Echoes	1	Slice Spacing	10.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	128
Auto Trigger Type	Off	Freq DIR	Unswap
MULTI-PHASE		NEX	1.00
Seperate Series	0	Phase FOV	1.00
Mask Phase	0	Auto Shim	Off
Mask Pause	0	Phase Correction	No
DIFFUSION		FMRI	
Recon All Images	On	PSD Trigger	Internal
CONTRAST		Slice Order	Interleaved
Contrast Yes/No	No	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

Protocol: adult_neck_Carotids

Ax 2D TOF SPGR Localizer	PATIENT POSITION		IMAGING PARAMETERS		Ax 2D TOF SPGR Localizer
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Vasc TOF SPGR	
	Coil Configuration	Head;Neck	Imaging Options	FC, Seq, Fast	
	Plane	AXIAL	PSD Name	2dtofx	
	Series Description	Ax 2D TOF SPGR Localizer	SCAN RANGE		
	SCAN TIMING		FOV	28.0	
	Flip Angle	90	Slice Thickness	2.0	
	TE	Minimum	Slice Spacing	0.0	
	Number of Echoes	1	ACQ TIMING		
	TR	Minimum	Freq	384	
	Receiver Bandwidth	20.83	Phase	256	
	IMAGE ENHANCE		Freq DIR	R/L	
	Filter Choice	None	NEX	1.00	
	GATING/TRIGGER		# of Acq. Before Pause	0	
	Auto Trigger Type	Off	Phase FOV	0.75	
	MULTI-PHASE		Auto Shim	Auto	
	Seperate Series	0	Phase Correction	No	
	Mask Phase	0	FMRI		
	Mask Pause	0	PSD Trigger	Internal	
	VASCULAR		View Order	Bottom/Up	
	# of Collapse Images	Off	# of Repetitions REST	0	
	# of Projection Images	19	# of Repetitions ACTIVE	0	
	TRICKS		SAT		
	Pause On/Off	On	SAT Location	S	
Auto Subtract	0	Tag Type	None		
Auto SCIC	2	DIFFUSION			
		Recon All Images	On		
		CONTRAST			
		Contrast Yes/No	No		

McLeod Pavilion

Protocol: adult_neck_Carotids

3D Cor CEMRA FT	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Vasc TOF SPGR
	Coil Configuration	Head;Neck	Imaging Options	EDR, Fast, ZIP2, Fluoro, MPhVar
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	3D Cor CEMRA FT	FOV	30.0
	SCAN TIMING		Slice Thickness	1.2
	Flip Angle	25	Location per Slab	62
	TE	Minimum	Overlap Locations	0
	Number of Echoes	1	ACQ TIMING	
	Receiver Bandwidth	62.50	Freq	416
	IMAGE ENHANCE		Phase	256
	Filter Choice	None	Freq DIR	S/I
	GATING/TRIGGER		NEX	1.00
	Auto Trigger Type	Off	Phase FOV	1.00
	FMRI		Auto Shim	Auto
	PSD Trigger	Internal	Phase Correction	No
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV5	1.00
	# of Repetitions ACTIVE	0	User CV12	1.00
	SAT		User CV19	3.00
	Tag Type	None	User CV23	80.00
	DIFFUSION		MULTI-PHASE	
	Recon All Images	On	# of Phases	1
	CONTRAST		Seperate Series	1
Contrast Yes/No	No	Trigger Delay without AV	0	
		Mask Phase	1	
		Mask Pause	1	
		VASCULAR		
		# of Collapse Images	On	
		# of Projection Images	19	
		TRICKS		
		Pause On/Off	On	
		Auto Subtract	4097	
		Auto SCIC	2	
		OTHERS		
		Protocol Notes	Fluoro Trigger Click here to launch a video example	

3D Cor CEMRA FT

McLeod Pavilion

Protocol: adult_neck_Carotids

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Gradient Echo
Coil Configuration	Head;Neck	Imaging Options	Seq, Fast
Plane	3-PLANE	SCAN RANGE	
Series Description	---OPTIONAL---	FOV	45.0
SCAN TIMING		Slice Thickness	5.0
Number of Echoes	1	Slice Spacing	10.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	128
Auto Trigger Type	Off	Freq DIR	Unswap
MULTI-PHASE		NEX	1.00
Seperate Series	0	Phase FOV	1.00
Mask Phase	0	Auto Shim	Off
Mask Pause	0	Phase Correction	No
DIFFUSION		FMRI	
Recon All Images	On	PSD Trigger	Internal
CONTRAST		Slice Order	Interleaved
Contrast Yes/No	No	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

---OPTIONAL---

---OPTIONAL---

Protocol: adult_neck_Carotids

3D Cor TRICKS Temp. Res. High	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	TRICKS
	Coil Configuration	Head;Neck	Imaging Options	Fast, ZIP2, Asset
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	3D Cor TRICKS Temp. Res. High	FOV	30.0
	SCAN TIMING		Slice Thickness	2.2
	Flip Angle	30	ACQ TIMING	
	TE	Minimum	Freq	288
	Number of Echoes	6	Phase	160
	Receiver Bandwidth	31.25	Freq DIR	S/I
	IMAGE ENHANCE		NEX	0.50
	Filter Choice	None	Phase FOV	1.00
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	No
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV6	2.00
	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
	Output Temporal Phases	15	CONTRAST	
	Delay Time after Mask	Minimum	Contrast Yes/No	Yes
Pause On/Off	On			
Auto Subtract	0			
Auto SCIC	2			

3D Cor TRICKS Temp. Res. High

McLeod Pavilion

Protocol: adult_neck_Carotids

3D Sag T1 FS Cube BB	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	Cube
	Coil Configuration	Head;Neck	Imaging Options	EDR, Fast, ZIP512, ZIP2, FR, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	3D Sag T1 FS Cube BB	FOV	25.6
	SCAN TIMING		Slice Thickness	1.2
	TE	Minimum	Location per Slab	140
	Number of Echoes	1	Overlap Locations	0
	TR	550.0	ACQ TIMING	
	Echo Train Length	22	Freq	256
	Receiver Bandwidth	62.50	Phase	256
	IMAGE ENHANCE		Freq DIR	S/I
	Filter Choice	G	NEX	2.00
	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 CV5	1.00
	# of Repetitions REST	0	User CV22	3.00
	# of Repetitions ACTIVE	0	MULTI-PHASE	
	SAT		Seperate Series	0
	Tag Type	None	Mask Phase	0
	Fat/Water Saturation	Fat	Mask Pause	0
	TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On	
Auto Subtract	0	CONTRAST		
Auto SCIC	Off	Contrast Yes/No	Yes	

3D Sag T1 FS Cube BB