

Protocol: adult_neck_Neck Soft Tissue wip

3-Plane Localizer	PATIENT POSITION		IMAGING PARAMETERS		3-Plane Localizer
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Gradient Echo	
	Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	Seq, Fast	
	SCAN TIMING		SCAN RANGE		
	Plane	3-PLANE	FOV	36.0	
	Series Description	3-Plane Localizer	Slice Thickness	10.0	
	Number of Echoes	1	Slice Spacing	5.0	
	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	Auto	
	Mask Pause	0	Phase Correction	No	
	DIFFUSION		FMRI		
	Recon All Images	On	PSD Trigger	Internal	
	CONTRAST		View Order	Bottom/Up	
	Contrast Yes/No	No	# 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_Neck Soft Tissue wip

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, Seq, EDR, TRF, Fast, IrP
Plane	OBLIQUE	SCAN RANGE	
Series Description	Cor T2 STIR	FOV	22.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	160	Slice Spacing	0.0
TE	35.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	3980.0	Phase	192
TI	140	Freq DIR	Unswap
Echo Train Length	13	Fat Shift DIR	Normal
Receiver Bandwidth	31.25	NEX	2.00
IMAGE ENHANCE		# of Acq. Before Pause	0
Filter Choice	None	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	Flow Direction Compensation	Freq
FMRI		USER CVS	
PSD Trigger	Internal	User CV22	1.00
View Order	Bottom/Up	TR Min	2000.0
# of Repetitions REST	0	TR Max	7500.0
# 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

Cor T2 STIR

Cor T2 STIR

Protocol: adult_neck_Neck Soft Tissue wip

Cor T1 FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Cor T1 FSE	FOV	22.0
	SCAN TIMING		Slice Thickness	4.0
	Flip Angle	120	Slice Spacing	0.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	288
	TR	508.0	Phase	224
	Echo Train Length	3	Freq DIR	Unswap
	Receiver Bandwidth	35.71	Fat Shift DIR	Normal
	IMAGE ENHANCE		NEX	3.00
	Filter Choice	None	# of Acq. Before Pause	0
	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 CV21	1.00
	# of Repetitions REST	0	User CV22	1.00
	# of Repetitions ACTIVE	0	TR Min	300.0
	SAT		TR Max	750.0
	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	DIFFUSION	
		Recon All Images	On	
		CONTRAST		
		Contrast Yes/No	No	

Cor T1 FSE

Protocol: adult_neck_Neck Soft Tissue wip

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	Sag T2W	FOV	20.0
SCAN TIMING		Slice Thickness	5.0
Flip Angle	160	Slice Spacing	1.0
TE	90.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	4436.0	Phase	224
Echo Train Length	16	Freq DIR	S/I
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (I)
IMAGE ENHANCE		NEX	3.00
Filter Choice	None	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	Flow Direction Compensation	Freq
FMRI		USER CVS	
PSD Trigger	Internal	User CV15	2.00
View Order	Bottom/Up	User CV18	1.00
# of Repetitions REST	0	User CV21	1.00
# of Repetitions ACTIVE	0	User CV22	1.00
SAT		TR Min	2000.0
Tag Type	None	TR Max	15000.0
TRICKS		MULTI-PHASE	
Pause On/Off	On	Seperate 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 T2W

Sag T2W

Protocol: adult_neck_Neck Soft Tissue wip

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR, ARC, Flex
Plane	AXIAL	IDEAL	7
Series Description	Ax T2 FSE Flex	SCAN RANGE	
SCAN TIMING		FOV	20.0
Flip Angle	160	Slice Thickness	5.0
TE	70.0	Slice Spacing	2.0
Number of Echoes	1	ACQ TIMING	
TR	6321.0	Freq	288
Echo Train Length	16	Phase	192
Receiver Bandwidth	35.71	Freq DIR	A/P
IMAGE ENHANCE		Fat Shift DIR	Normal (A)
Filter Choice	None	NEX	2.00
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 CV15	2.00
# of Repetitions REST	0	User CV18	1.00
# of Repetitions ACTIVE	0	User CV22	1.00
SAT		TR Min	2000.0
Tag Type	None	TR Max	8000.0
TRICKS		MULTI-PHASE	
Pause On/Off	On	Seperate Series	0
Auto Subtract	0	Mask Phase	0
Auto SCIC	2	Mask Pause	0
OTHERS		DIFFUSION	
Protocol Notes	This will give both T2W and T2W Fat Sat images.	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

Ax T2 FSE Flex

Ax T2 FSE Flex

Protocol: adult_neck_Neck Soft Tissue wip

3D Ax LAVA Flex Pre	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	LAVA
	Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	NPW, EDR, Fast, ZIP2, Flex
	Plane	AXIAL	IDEAL	7
	Series Description	3D Ax LAVA Flex Pre	SCAN RANGE	
	SCAN TIMING		FOV	22.0
	Flip Angle	12	Slice Thickness	4.0
	TE	Min Full	Location per Slab	82
	Number of Echoes	2	Overlap Locations	0
	Receiver Bandwidth	62.50	ACQ TIMING	
	IMAGE ENHANCE		Freq	288
	Filter Choice	None	Phase	224
	GATING/TRIGGER		Freq DIR	A/P
	Auto Trigger Type	Off	NEX	1.00
	FMRI		Auto Shim	Auto
	PSD Trigger	Internal	Phase Correction	No
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV6	1.00
	# of Repetitions ACTIVE	0	User CV16	1.00
	SAT		MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	TRICKS		Trigger Delay without AV	0
	Pause On/Off	On	Mask Phase	0
	Auto Subtract	0	Mask Pause	0
	Auto SCIC	2	DIFFUSION	
			Recon All Images	On
			CONTRAST	
		Contrast Yes/No	No	

3D Ax LAVA Flex Pre

Protocol: adult_neck_Neck Soft Tissue wip

Ax T1 FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Ax T1 FSE	FOV	24.0
	SCAN TIMING		Slice Thickness	5.0
	Flip Angle	160	Slice Spacing	2.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	320
	TR	476.0	Phase	224
	Echo Train Length	3	Freq DIR	Unswap
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	None	# of Acq. Before Pause	0
	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 CV22	1.00
	# of Repetitions REST	0	TR Min	300.0
	# of Repetitions ACTIVE	0	TR Max	750.0
	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	Recon All Images	On	
		CONTRAST		
		Contrast Yes/No	No	

Ax T1 FSE

Protocol: adult_neck_Neck Soft Tissue wip

3D Ax LAVA Flex POST	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	3D
	Patient Position	Supine	Pulse Sequence	LAVA
	Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	NPW, EDR, Fast, ZIP2, Flex
	Plane	AXIAL	IDEAL	7
	Series Description	3D Ax LAVA Flex POST	SCAN RANGE	
	SCAN TIMING		FOV	22.0
	Flip Angle	12	Slice Thickness	4.0
	TE	Min Full	Location per Slab	82
	Number of Echoes	2	Overlap Locations	0
	Receiver Bandwidth	62.50	ACQ TIMING	
	IMAGE ENHANCE		Freq	288
	Filter Choice	A	Phase	224
	GATING/TRIGGER		Freq DIR	A/P
	Auto Trigger Type	Off	NEX	1.00
	FMRI		Auto Shim	Auto
	PSD Trigger	Internal	Phase Correction	No
	View Order	Bottom/Up	USER CVS	
	# of Repetitions REST	0	User CV6	1.00
	# of Repetitions ACTIVE	0	User CV16	1.00
	SAT		MULTI-PHASE	
	Tag Type	None	Seperate Series	0
	TRICKS		Trigger Delay without AV	0
	Pause On/Off	On	Mask Phase	0
	Auto Subtract	0	Mask Pause	0
	Auto SCIC	2	DIFFUSION	
			Recon All Images	On
			CONTRAST	
		Contrast Yes/No	No	

3D Ax LAVA Flex POST

Protocol: adult_neck_Neck Soft Tissue wip

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast
Plane	OBLIQUE	SCAN RANGE	
Series Description	Cor T1 FSE FS POST	FOV	22.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	120	Slice Spacing	0.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	600.0	Phase	192
Echo Train Length	3	Freq DIR	Unswap
Receiver Bandwidth	31.25	Fat Shift DIR	Normal
IMAGE ENHANCE		NEX	2.00
Filter Choice	None	# of Acq. Before Pause	0
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	No
FMRI		USER CVS	
PSD Trigger	Internal	User CV19	1.00
View Order	Bottom/Up	User CV21	1.00
# of Repetitions REST	0	User CV22	1.00
# of Repetitions ACTIVE	0	TR Min	300.0
SAT		TR Max	750.0
Tag Type	None	MULTI-PHASE	
Fat/Water Saturation	Fat	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

Cor T1 FSE FS POST

Cor T1 FSE FS POST

Protocol: adult_neck_Neck Soft Tissue wip

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	GEM Head;GEM Neck;GEM Spine	Imaging Options	FC, NPW, EDR, TRF, Fast
Plane	OBLIQUE	SCAN RANGE	
Series Description	Ax T1 FSE FS POST	FOV	26.0
SCAN TIMING		Slice Thickness	5.0
Flip Angle	160	Slice Spacing	2.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	417.0	Phase	192
Echo Train Length	3	Freq DIR	Unswap
Receiver Bandwidth	31.25	Fat Shift DIR	Normal
IMAGE ENHANCE		NEX	2.00
Filter Choice	None	# of Acq. Before Pause	0
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 CV19	1.00
# of Repetitions REST	0	User CV22	1.00
# of Repetitions ACTIVE	0	TR Min	300.0
SAT		TR Max	750.0
Tag Type	None	MULTI-PHASE	
Fat/Water Saturation	Fat	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

Ax T1 FSE FS POST

Ax T1 FSE FS POST