

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Neck;Spine	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC
Plane	3-PLANE		
Series Description	3-Plane Localizer		
SCAN TIMING		SCAN RANGE	
TE	80.0	FOV	48.0
Number of Echoes	1	Slice Thickness	10.0
TR	1200.0	Slice Spacing	15.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	384
		Phase	160
		Freq DIR	Unswap
		# of Acq. Before Pause	0
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
DIFFUSION		TRICKS	
Recon All Images	On	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off
CONTRAST			
Contrast Yes/No	No		

3-Plane Localizer

3-Plane Localizer

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Head;Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR
Plane	SAGITTAL		
Series Description	Sag T2 UPPER LOC frFSE		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	46.0
TE	102.0	Slice Thickness	3.0
Number of Echoes	1	Slice Spacing	1.0
TR	3359.0		
Echo Train Length	24	ACQ TIMING	
Receiver Bandwidth	50.00	Freq	384
		Phase	224
		Freq DIR	S/I
		Fat Shift DIR	Normal (S)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV15	2.00
		User CV18	1.00
		User CV22	2.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0	CONTRAST	
# of Repetitions ACTIVE	0	Contrast Yes/No	No
SAT			
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Sag T2 UPPER LOC frFSE

Sag T2 UPPER LOC frFSE

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Head;Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR
Plane	SAGITTAL		
Series Description	Sag T2LOWER LOC frFSE		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	46.0
TE	102.0	Slice Thickness	3.0
Number of Echoes	1	Slice Spacing	1.0
TR	3370.0		
Echo Train Length	24	ACQ TIMING	
Receiver Bandwidth	50.00	Freq	384
		Phase	224
		Freq DIR	S/I
		Fat Shift DIR	Normal (S)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV15	2.00
		User CV18	1.00
		User CV22	2.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0	CONTRAST	
# of Repetitions ACTIVE	0	Contrast Yes/No	No
SAT			
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Sag T2LOWER LOC frFSE

Sag T2LOWER LOC frFSE

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR
Plane	OBLIQUE		
Series Description	Sag T2 frFSE		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	34.0
TE	102.0	Slice Thickness	3.0
Number of Echoes	1	Slice Spacing	1.0
TR	4093.0		
Echo Train Length	24	ACQ TIMING	
Receiver Bandwidth	50.00	Freq	416
		Phase	224
		Freq DIR	A/P
		Fat Shift DIR	Normal (P)
		NEX	3.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV15	2.00
		User CV18	1.00
		User CV22	2.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0		
# of Repetitions ACTIVE	0		
SAT		CONTRAST	
SAT Location	A	Contrast Yes/No	No
SAT Location	S		
SAT Location	I		
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Sag T2 frFSE

Sag T2 frFSE

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

Sag T1 FSE Optimized	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Sag T1 FSE Optimized	FOV	34.0
	SCAN TIMING		Slice Thickness	3.0
	Flip Angle	111	Slice Spacing	1.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	320
	TR	774.0	Phase	224
	Echo Train Length	4	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (P)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	G	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	No
	Auto Trigger Type	Off	USER CVS	
	FMRI		User CV15	2.00
	PSD Trigger	Internal	User CV16	1.00
	View Order	Bottom/Up	TR Min	600.0
	# of Repetitions REST	0	TR Max	900.0
	# 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	

Sag T1 FSE Optimized

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	FC, NPW, Seq, EDR, TRF, Fast, IrP
Plane	OBLIQUE	PSD Name	frfse-xl
Series Description	Sag T2 FSE STIR		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	34.0
TE	42.0	Slice Thickness	3.0
Number of Echoes	1	Slice Spacing	1.0
TR	3870.0		
TI	190	ACQ TIMING	
Echo Train Length	10	Freq	300
Receiver Bandwidth	31.25	Phase	192
		Freq DIR	A/P
		Fat Shift DIR	Normal (P)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Freq
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV22	1.00
		TR Min	2000.0
		TR Max	15000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0	CONTRAST	
# of Repetitions ACTIVE	0	Contrast Yes/No	No
SAT			
SAT Location	A		
SAT Location	P		
SAT Location	S		
SAT Location	I		
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	Off		

Sag T2 FSE STIR

Sag T2 FSE STIR

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Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR
Plane	OBLIQUE		
Series Description	Ax T2 frFSE		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	18.0
TE	90.0	Slice Thickness	6.0
Number of Echoes	1	Slice Spacing	2.0
TR	7145.0		
Echo Train Length	18	ACQ TIMING	
Receiver Bandwidth	41.67	Freq	260
		Phase	192
		Freq DIR	A/P
		Fat Shift DIR	Normal (A)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Slice
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV15	2.00
		User CV22	1.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0	CONTRAST	
# of Repetitions ACTIVE	0	Contrast Yes/No	No
SAT			
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Ax T2 frFSE

Ax T2 frFSE

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast
Plane	OBLIQUE	SCAN RANGE	
Series Description	Ax T1 FSE	FOV	18.0
SCAN TIMING		Slice Thickness	6.0
Flip Angle	111	Slice Spacing	2.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	260
TR	779.0	Phase	192
Echo Train Length	5	Freq DIR	A/P
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
IMAGE ENHANCE		NEX	2.00
Filter Choice	G	# of Acq. Before Pause	0
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	Yes
FMRI		USER CVS	
PSD Trigger	Internal	User CV15	2.00
View Order	Bottom/Up	User CV16	1.00
# of Repetitions REST	0	TR Min	550.0
# of Repetitions ACTIVE	0	TR Max	850.0
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

Ax T1 FSE

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Neck;Spine	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC
Plane	3-PLANE		
Series Description	***CONTRAST***		
SCAN TIMING		SCAN RANGE	
TE	80.0	FOV	48.0
Number of Echoes	1	Slice Thickness	10.0
TR	1200.0	Slice Spacing	15.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	384
		Phase	160
		Freq DIR	Unswap
		# of Acq. Before Pause	0
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
DIFFUSION		TRICKS	
Recon All Images	On	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off
CONTRAST			
Contrast Yes/No	No		

CONTRAST

CONTRAST

Protocol: adult_spine_Thoracic Spine

+C Sag T1 FSE Optimized	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	+C Sag T1 FSE Optimized	FOV	34.0
	SCAN TIMING		Slice Thickness	3.0
	Flip Angle	111	Slice Spacing	1.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	320
	TR	600.0	Phase	192
	Echo Train Length	4	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (P)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	G	# of Acq. Before Pause	0
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	No
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV15	2.00
	View Order	Bottom/Up	User CV16	1.00
	# of Repetitions REST	0	User CV19	1.00
	# of Repetitions ACTIVE	0	TR Min	600.0
	SAT		TR Max	900.0
	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	Yes	

+C Sag T1 FSE Optimized

McLeod Pavilion

Protocol: adult_spine_Thoracic Spine

+C Ax T1 FSE	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	+C Ax T1 FSE	FOV	18.0
	SCAN TIMING		Slice Thickness	6.0
	Flip Angle	111	Slice Spacing	2.0
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	260
	TR	735.0	Phase	192
	Echo Train Length	5	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	G	# of Acq. Before Pause	0
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	Yes
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV15	2.00
	View Order	Bottom/Up	User CV16	1.00
	# of Repetitions REST	0	User CV19	1.00
	# of Repetitions ACTIVE	0	TR Min	550.0
	SAT		TR Max	850.0
	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	Yes	

+C Ax T1 FSE

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Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	Spin Echo
Coil Configuration	Neck;Spine	Imaging Options	Seq, EDR, TRF, Fast, SS, ARC
Plane	3-PLANE		
Series Description	*OPTION*		
SCAN TIMING		SCAN RANGE	
TE	80.0	FOV	48.0
Number of Echoes	1	Slice Thickness	10.0
TR	1200.0	Slice Spacing	15.0
Receiver Bandwidth	83.33		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	384
		Phase	160
		Freq DIR	Unswap
		# of Acq. Before Pause	0
		Phase FOV	1.00
		Auto Shim	Auto
		Phase Correction	No
GATING/TRIGGER		FMRI	
Auto Trigger Type	Off	PSD Trigger	Internal
		View Order	Bottom/Up
		# of Repetitions REST	0
		# of Repetitions ACTIVE	0
MULTI-PHASE		SAT	
Seperate Series	0	Tag Type	None
Mask Phase	0		
Mask Pause	0		
DIFFUSION		TRICKS	
Recon All Images	On	Pause On/Off	On
		Auto Subtract	0
		Auto SCIC	Off
CONTRAST			
Contrast Yes/No	No		

OPTION

OPTION

Protocol: adult_spine_Thoracic Spine

Ax T2 frFSE UPPER	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR, ARC
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Ax T2 frFSE UPPER	FOV	20.0
	SCAN TIMING		Slice Thickness	6.0
	Flip Angle	142	Slice Spacing	2.0
	TE	90.0	ACQ TIMING	
	Number of Echoes	1	Freq	260
	TR	3970.0	Phase	192
	Echo Train Length	18	Freq DIR	A/P
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	G	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	No
	Auto Trigger Type	Off	Flow Direction Compensation	Slice
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV15	2.00
	View Order	Bottom/Up	User CV22	1.00
	# of Repetitions REST	0	TR Min	2500.0
	# of Repetitions ACTIVE	0	TR Max	11000.0
	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 T2 frFSE UPPER

Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	FC, NPW, EDR, TRF, Fast, FR, ARC
Plane	OBLIQUE		
Series Description	Ax T2 frFSE LOWER		
SCAN TIMING		SCAN RANGE	
Flip Angle	142	FOV	20.0
TE	90.0	Slice Thickness	6.0
Number of Echoes	1	Slice Spacing	2.0
TR	3970.0		
Echo Train Length	18	ACQ TIMING	
Receiver Bandwidth	41.67	Freq	260
		Phase	192
		Freq DIR	A/P
		Fat Shift DIR	Normal (A)
		NEX	2.00
		Auto Shim	Auto
		Phase Correction	No
		Flow Direction Compensation	Slice
IMAGE ENHANCE		USER CVS	
Filter Choice	G	User CV15	2.00
		User CV22	1.00
		TR Min	2500.0
		TR Max	11000.0
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	Off	Seperate Series	0
		Mask Phase	0
		Mask Pause	0
FMRI		DIFFUSION	
PSD Trigger	Internal	Recon All Images	On
View Order	Bottom/Up		
# of Repetitions REST	0	CONTRAST	
# of Repetitions ACTIVE	0	Contrast Yes/No	No
SAT			
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	2		

Ax T2 frFSE LOWER

Ax T2 frFSE LOWER

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Protocol: adult_spine_Thoracic Spine

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast, ARC
Plane	OBLIQUE	SCAN RANGE	
Series Description	Ax T1 FSE UPPER	FOV	20.0
SCAN TIMING		Slice Thickness	6.0
Flip Angle	111	Slice Spacing	2.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	260
TR	649.0	Phase	192
Echo Train Length	5	Freq DIR	A/P
Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)
IMAGE ENHANCE		NEX	2.00
Filter Choice	G	# of Acq. Before Pause	0
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	Yes
FMRI		USER CVS	
PSD Trigger	Internal	User CV15	2.00
View Order	Bottom/Up	User CV16	1.00
# of Repetitions REST	0	TR Min	550.0
# of Repetitions ACTIVE	0	TR Max	850.0
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 UPPER

Ax T1 FSE UPPER

Protocol: adult_spine_Thoracic Spine

Ax T1 FSE LOWER	PATIENT POSITION		IMAGING PARAMETERS		Ax T1 FSE LOWER
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	Neck;Spine	Imaging Options	NPW, EDR, TRF, Fast, ARC	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	Ax T1 FSE LOWER	FOV	20.0	
	SCAN TIMING		Slice Thickness	6.0	
	Flip Angle	111	Slice Spacing	2.0	
	TE	Min Full	ACQ TIMING		
	Number of Echoes	1	Freq	260	
	TR	649.0	Phase	192	
	Echo Train Length	5	Freq DIR	A/P	
	Receiver Bandwidth	41.67	Fat Shift DIR	Normal (A)	
	IMAGE ENHANCE		NEX	2.00	
	Filter Choice	G	# of Acq. Before Pause	0	
	GATING/TRIGGER		Auto Shim	Auto	
	Auto Trigger Type	Off	Phase Correction	Yes	
	FMRI		USER CVS		
	PSD Trigger	Internal	User CV15	2.00	
	View Order	Bottom/Up	User CV16	1.00	
	# of Repetitions REST	0	TR Min	550.0	
	# of Repetitions ACTIVE	0	TR Max	850.0	
	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		