

McLeod Pavilion

Protocol: adult_upperExtremities_MSK LEFT SHOULDER ARTHROGRAM

3 Plane Localizer Left	PATIENT POSITION		IMAGING PARAMETERS		3 Plane Localizer Left
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	Spin Echo	
	Coil Configuration	Extremity	Imaging Options	Seq, EDR, Fast, SS	
	Plane	3-PLANE	SCAN RANGE		
	Series Description	3 Plane Localizer Left	FOV	28.0	
	SCAN TIMING		Slice Thickness	10.0	
	TE	85.0	Slice Spacing	5.0	
	Number of Echoes	1	ACQ TIMING		
	TR	Minimum	Freq	256	
	Receiver Bandwidth	83.33	Phase	160	
	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	User CV2	240.00	
	# of Repetitions ACTIVE	0	User CV13	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	Off	Recon All Images	On		
		CONTRAST			
		Contrast Yes/No	No		

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Calibration	PATIENT POSITION		IMAGING PARAMETERS		Calibration
	Patient Entry	Head First	Imaging Mode	3D	
	Patient Position	Supine	Pulse Sequence	SPGR	
	Coil Configuration	Extremity	Imaging Options	EDR, Fast, ZIP2, Calib	
	Plane	AXIAL	SCAN RANGE		
	Series Description	Calibration	FOV	25.0	
	SCAN TIMING		Slice Thickness	10.0	
	Number of Echoes	1	ACQ TIMING		
	IMAGE ENHANCE		Freq DIR	R/L	
	Filter Choice	None	Auto Shim	Auto	
	GATING/TRIGGER		Phase Correction	No	
	Auto Trigger Type	Off	FMRI		
	MULTI-PHASE		PSD Trigger	Internal	
	Seperate Series	0	Slice Order	Interleaved	
	Mask Phase	0	View Order	Bottom/Up	
	Mask Pause	0	# of Repetitions REST	0	
	DIFFUSION		# of Repetitions ACTIVE	0	
	Recon All Images	On	SAT		
	CONTRAST		Tag Type	None	
	Contrast Yes/No	No	TRICKS		
		Pause On/Off	On		
		Auto Subtract	0		
		Auto SCIC	Off		

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Cor T1 FSE F/S +C	PATIENT POSITION		IMAGING PARAMETERS		Cor T1 FSE F/S +C
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	Cor T1 FSE F/S +C	FOV	14.0	
	SCAN TIMING		Slice Thickness	3.0	
	Flip Angle	111	Slice Spacing	0.5	
	TE	Min Full	ACQ TIMING		
	Number of Echoes	1	Freq	352	
	TR	667.0	Phase	256	
	Echo Train Length	3	Freq DIR	S/I	
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)	
	IMAGE ENHANCE		NEX	2.00	
	Filter Choice	A	# of Acq. Before Pause	0	
	GATING/TRIGGER		Auto Shim	Auto	
	Auto Trigger Type	Off	Phase Correction	Yes	
	FMRI		USER CVS		
	PSD Trigger	Internal	User CV8	1.00	
	View Order	Bottom/Up	User CV19	1.00	
	# of Repetitions REST	0	User CV22	1.00	
	# of Repetitions ACTIVE	0	TR Min	400.0	
	SAT		TR Max	850.0	
	Tag Type	None	MULTI-PHASE		
	Fat/Water Saturation	Fat Classic	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		

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Cor T2 FSE FS	PATIENT POSITION		IMAGING PARAMETERS		Cor T2 FSE FS
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	Cor T2 FSE FS	FOV	14.0	
	SCAN TIMING		Slice Thickness	3.0	
	Flip Angle	111	Slice Spacing	0.5	
	TE	68.0	ACQ TIMING		
	Number of Echoes	1	Freq	256	
	TR	4158.0	Phase	224	
	Echo Train Length	18	Freq DIR	S/I	
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)	
	IMAGE ENHANCE		NEX	3.00	
	Filter Choice	A	Auto Shim	Auto	
	GATING/TRIGGER		Phase Correction	Yes	
	Auto Trigger Type	Off	USER CVS		
	FMRI		User CV8	1.00	
	PSD Trigger	Internal	User CV19	1.00	
	View Order	Bottom/Up	User CV22	1.00	
# of Repetitions REST	0	TR Min	3000.0		
# of Repetitions ACTIVE	0	TR Max	10000.0		
SAT		MULTI-PHASE			
Tag Type	None	Seperate Series	0		
Fat/Water Saturation	Fat Classic	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		

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Sag T1 FSE	PATIENT POSITION		IMAGING PARAMETERS		Sag T1 FSE
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	FSE-XL	
	Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	Sag T1 FSE	FOV	14.0	
	SCAN TIMING		Slice Thickness	3.0	
	Flip Angle	111	Slice Spacing	0.5	
	TE	Min Full	ACQ TIMING		
	Number of Echoes	1	Freq	352	
	TR	693.0	Phase	256	
	Echo Train Length	3	Freq DIR	S/I	
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)	
	IMAGE ENHANCE		NEX	2.00	
	Filter Choice	A	Auto Shim	Auto	
	GATING/TRIGGER		Phase Correction	Yes	
	Auto Trigger Type	Off	USER CVS		
	FMRI		User CV8	1.00	
	PSD Trigger	Internal	User CV22	1.00	
	View Order	Bottom/Up	TR Min	400.0	
	# of Repetitions REST	0	TR Max	850.0	
	# 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		

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Sag T1 FSE F/S +C	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Sag T1 FSE F/S +C	FOV	14.0
	SCAN TIMING		Slice Thickness	3.0
	Flip Angle	111	Slice Spacing	0.5
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	352
	TR	545.0	Phase	256
	Echo Train Length	3	Freq DIR	S/I
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	A	# of Acq. Before Pause	0
	GATING/TRIGGER		Auto Shim	Auto
	Auto Trigger Type	Off	Phase Correction	Yes
	FMRI		USER CVS	
	PSD Trigger	Internal	User CV8	1.00
	View Order	Bottom/Up	User CV19	1.00
	# of Repetitions REST	0	User CV22	1.00
	# of Repetitions ACTIVE	0	TR Min	400.0
	SAT		TR Max	850.0
	Tag Type	None	MULTI-PHASE	
	Fat/Water Saturation	Fat Classic	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	

Sag T1 FSE F/S +C

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Head First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast
Plane	OBLIQUE	SCAN RANGE	
Series Description	Sag T2 FSE FS	FOV	14.0
SCAN TIMING		Slice Thickness	3.0
Flip Angle	111	Slice Spacing	0.5
TE	68.0	ACQ TIMING	
Number of Echoes	1	Freq	352
TR	4322.0	Phase	224
Echo Train Length	16	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (I)
IMAGE ENHANCE		NEX	3.00
Filter Choice	A	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	Yes
Auto Trigger Type	Off	USER CVS	
FMRI		User CV8	1.00
PSD Trigger	Internal	User CV19	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	3000.0
# of Repetitions ACTIVE	0	TR Max	10000.0
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
Fat/Water Saturation	Fat Classic	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 T2 FSE FS

Sag T2 FSE FS

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Ax T1 FSE F/S +C	PATIENT POSITION		IMAGING PARAMETERS	
	Patient Entry	Head First	Imaging Mode	2D
	Patient Position	Supine	Pulse Sequence	FSE-XL
	Coil Configuration	Extremity	Imaging Options	NPW, EDR, TRF, Fast
	Plane	OBLIQUE	SCAN RANGE	
	Series Description	Ax T1 FSE F/S +C	FOV	14.0
	SCAN TIMING		Slice Thickness	3.0
	Flip Angle	111	Slice Spacing	0.5
	TE	Min Full	ACQ TIMING	
	Number of Echoes	1	Freq	352
	TR	606.0	Phase	256
	Echo Train Length	3	Freq DIR	Unswap
	Receiver Bandwidth	31.25	Fat Shift DIR	Normal
	IMAGE ENHANCE		NEX	2.00
	Filter Choice	A	Auto Shim	Auto
	GATING/TRIGGER		Phase Correction	Yes
	Auto Trigger Type	Off	USER CVS	
	FMRI		User CV8	1.00
	PSD Trigger	Internal	User CV22	1.00
	View Order	Bottom/Up	TR Min	400.0
	# of Repetitions REST	0	TR Max	850.0
	# 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	Yes	

Ax T1 FSE F/S +C

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AX T2 FSE FS PROPELLER Silent	PATIENT POSITION		IMAGING PARAMETERS		AX T2 FSE FS PROPELLER Silent
	Patient Entry	Head First	Imaging Mode	2D	
	Patient Position	Supine	Pulse Sequence	PROPELLER	
	Coil Configuration	Extremity	Imaging Options	EDR, TRF, Fast, ART, ARC	
	Plane	OBLIQUE	SCAN RANGE		
	Series Description	AX T2 FSE FS PROPELLER Silent	FOV	14.0	
	SCAN TIMING		Slice Thickness	3.0	
	Flip Angle	120	Slice Spacing	0.5	
	Number of Echoes	1	ACQ TIMING		
	TR	5847.0	Freq	288	
	Echo Train Length	24	Freq DIR	S/I	
	Receiver Bandwidth	50.00	Fat Shift DIR	Normal (S)	
	IMAGE ENHANCE		NEX	2.50	
	Filter Choice	None	Auto Shim	Auto	
	GATING/TRIGGER		Phase Correction	No	
	Auto Trigger Type	Off	USER CVS		
	FMRI		User CV5	1.00	
	PSD Trigger	Internal	User CV19	0.80	
	View Order	Bottom/Up	TR Min	2000.0	
	# of Repetitions REST	0	TR Max	11000.0	
	# of Repetitions ACTIVE	0	MULTI-PHASE		
	SAT		Seperate Series	0	
	Tag Type	None	Mask Phase	0	
	Fat/Water Saturation	Fat Classic	Mask Pause	0	
	TRICKS		Acoustic Reduction Level	3	
Pause On/Off	On	DIFFUSION			
Auto Subtract	0	Recon All Images	On		
Auto SCIC	Off	CONTRAST			
		Contrast Yes/No	No		