

McLeod Pavilion

Protocol: adult\_lowerExtremities\_MSK TIB/FIB

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Spin Echo</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>Seq, EDR, Fast, SS, ARC</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>3 Plane Localizer</i>	FOV	<i>44.0</i>
SCAN TIMING		Slice Thickness	<i>10.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>15.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>1529.1</i>	Freq	<i>384</i>
Receiver Bandwidth	<i>83.33</i>	Phase	<i>160</i>
IMAGE ENHANCE		Freq DIR	<i>Unswap</i>
Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
GATING/TRIGGER		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
FMRI		Phase Correction	<i>No</i>
PSD Trigger	<i>Internal</i>	USER CVS	
View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</i>
# of Repetitions REST	<i>0</i>	User CV13	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	MULTI-PHASE	
SAT		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Mask Phase	<i>0</i>
TRICKS		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	DIFFUSION	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>Off</i>	CONTRAST	
		Contrast Yes/No	<i>No</i>

3 Plane Localizer

3 Plane Localizer

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>SPGR</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>EDR, Fast, ZIP2, Calib</i>
Plane	<i>AXIAL</i>	<b>SCAN RANGE</b>	
Series Description	<i>Calibration</i>	FOV	<i>46.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>14.4</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
<b>IMAGE ENHANCE</b>		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
<b>GATING/TRIGGER</b>		Phase Correction	<i>No</i>
Auto Trigger Type	<i>Off</i>	<b>FMRI</b>	
<b>MULTI-PHASE</b>		PSD Trigger	<i>Internal</i>
Seperate Series	<i>0</i>	View Order	<i>Bottom/Up</i>
Mask Phase	<i>0</i>	# of Repetitions REST	<i>0</i>
Mask Pause	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>
<b>DIFFUSION</b>		<b>SAT</b>	
Recon All Images	<i>On</i>	Tag Type	<i>None</i>
<b>CONTRAST</b>		<b>TRICKS</b>	
Contrast Yes/No	<i>No</i>	Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>
		Auto SCIC	<i>Off</i>

Calibration

Calibration

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Ax T1 FSE</i>	FOV	<i>34.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>6.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>2.0</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>384</i>
TR	<i>742.0</i>	Phase	<i>192</i>
Echo Train Length	<i>7</i>	Freq DIR	<i>R/L</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>FMRI</b>		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	TR Min	<i>400.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>850.0</i>
# of Repetitions ACTIVE	<i>0</i>	<b>MULTI-PHASE</b>	
<b>SAT</b>		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Mask Phase	<i>0</i>
<b>TRICKS</b>		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	<b>DIFFUSION</b>	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>On</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

Ax T1 FSE

Ax T1 FSE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>FC, Seq, EDR, TRF, Fast, ARC, IrP</i>
Plane	<i>OBLIQUE</i>	PSD Name	<i>frfse-xl</i>
Series Description	<i>Ax T2 STIR</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>111</i>	FOV	<i>34.0</i>
TE	<i>42.0</i>	Slice Thickness	<i>6.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>2.0</i>
TR	<i>14615.0</i>		
TI	<i>190</i>	ACQ TIMING	
Echo Train Length	<i>13</i>	Freq	<i>320</i>
Receiver Bandwidth	<i>41.67</i>	Phase	<i>192</i>
IMAGE ENHANCE		Freq DIR	<i>R/L</i>
Filter Choice	<i>None</i>	Fat Shift DIR	<i>Normal (L)</i>
GATING/TRIGGER		NEX	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Phase FOV	<i>1.00</i>
FMRI		Auto Shim	<i>Auto</i>
PSD Trigger	<i>Internal</i>	Phase Correction	<i>No</i>
View Order	<i>Bottom/Up</i>	Flow Direction	<i>Slice</i>
# of Repetitions REST	<i>0</i>	Compensation	
# of Repetitions ACTIVE	<i>0</i>	USER CVS	
SAT		TR Min	<i>2000.0</i>
SAT Location	<i>S</i>	TR Max	<i>15000.0</i>
SAT Location	<i>I</i>	MULTI-PHASE	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
TRICKS		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	DIFFUSION	
Auto SCIC	<i>Off</i>	Recon All Images	<i>On</i>
OTHERS		CONTRAST	
Protocol Notes	<i>AFFECTED LEG ONLY</i>	Contrast Yes/No	<i>No</i>

Ax T2 STIR

Ax T2 STIR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Cor T1 FSE</i>	FOV	<i>40.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>5.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>734.0</i>	Phase	<i>160</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (I)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
<b>FMRI</b>		<b>USER CVS</b>	
PSD Trigger	<i>Internal</i>	User CV16	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV21	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>400.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>850.0</i>
<b>SAT</b>		<b>MULTI-PHASE</b>	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
<b>TRICKS</b>		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	<b>DIFFUSION</b>	
Auto SCIC	<i>On</i>	Recon All Images	<i>On</i>
		<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

Cor T1 FSE

Cor T1 FSE

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>FC, NPW, Seq, EDR, TRF, Fast, ARC, IrP</i>
Plane	<i>OBLIQUE</i>	PSD Name	<i>frfse-xl</i>
Series Description	<i>Cor T2 STIR</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>111</i>	FOV	<i>40.0</i>
TE	<i>42.0</i>	Slice Thickness	<i>5.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>1.0</i>
TR	<i>6192.0</i>		
TI	<i>190</i>	ACQ TIMING	
Echo Train Length	<i>13</i>	Freq	<i>352</i>
Receiver Bandwidth	<i>41.67</i>	Phase	<i>192</i>
		Freq DIR	<i>S/I</i>
		Fat Shift DIR	<i>Normal (I)</i>
		NEX	<i>2.00</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>No</i>
		Flow Direction	<i>Freq</i>
		Compensation	
IMAGE ENHANCE		USER CVS	
Filter Choice	<i>None</i>	TR Min	<i>2000.0</i>
		TR Max	<i>15000.0</i>
GATING/TRIGGER		MULTI-PHASE	
Auto Trigger Type	<i>Off</i>	Seperate Series	<i>0</i>
		Mask Phase	<i>0</i>
		Mask Pause	<i>0</i>
FMRI		DIFFUSION	
PSD Trigger	<i>Internal</i>	Recon All Images	<i>On</i>
View Order	<i>Bottom/Up</i>		
# of Repetitions REST	<i>0</i>	CONTRAST	
# of Repetitions ACTIVE	<i>0</i>	Contrast Yes/No	<i>No</i>
SAT			
SAT Location	<i>S</i>		
SAT Location	<i>I</i>		
Tag Type	<i>None</i>		
TRICKS			
Pause On/Off	<i>On</i>		
Auto Subtract	<i>0</i>		
Auto SCIC	<i>On</i>		

Cor T2 STIR

Cor T2 STIR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	Body	Imaging Options	FC, Seq, EDR, TRF, Fast, ARC, IrP
Plane	OBLIQUE	PSD Name	frfse-xl
Series Description	Sag T2 STIR		
SCAN TIMING		SCAN RANGE	
Flip Angle	111	FOV	40.0
TE	42.0	Slice Thickness	5.0
Number of Echoes	1	Slice Spacing	1.0
TR	6603.0		
TI	190	ACQ TIMING	
Echo Train Length	13	Freq	352
Receiver Bandwidth	50.00	Phase	224
		Freq DIR	S/I
IMAGE ENHANCE		Fat Shift DIR	Normal (S)
Filter Choice	None	NEX	2.00
		Phase FOV	0.60
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	No
		Flow Direction Compensation	Freq
FMRI		USER CVS	
PSD Trigger	Internal	TR Min	2000.0
View Order	Bottom/Up	TR Max	15000.0
# of Repetitions REST	0		
# of Repetitions ACTIVE	0	MULTI-PHASE	
		Seperate Series	0
SAT		Mask Phase	0
SAT Location	S	Mask Pause	0
SAT Location	I		
Tag Type	None	DIFFUSION	
		Recon All Images	On
TRICKS		CONTRAST	
Pause On/Off	On	Contrast Yes/No	No
Auto Subtract	0		
Auto SCIC	On		

Sag T2 STIR

Sag T2 STIR

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Sag T2 FSE FS</i>	FOV	<i>14.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>0.5</i>
TE	<i>68.0</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>352</i>
TR	<i>4022.0</i>	Phase	<i>224</i>
Echo Train Length	<i>16</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (I)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>3.00</i>
Filter Choice	<i>A</i>	Auto Shim	<i>Auto</i>
<b>GATING/TRIGGER</b>		Phase Correction	<i>Yes</i>
Auto Trigger Type	<i>Off</i>	<b>USER CVS</b>	
<b>FMRI</b>		User CV8	<i>1.00</i>
PSD Trigger	<i>Internal</i>	User CV19	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>3000.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>10000.0</i>
<b>SAT</b>		<b>MULTI-PHASE</b>	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
Fat/Water Saturation	<i>Fat Classic</i>	Mask Phase	<i>0</i>
<b>TRICKS</b>		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	<b>DIFFUSION</b>	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>2</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>Yes</i>

Sag T2 FSE FS

Sag T2 FSE FS



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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, FR</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>AX PD F/S SFOV</i>	FOV	<i>16.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
Flip Angle	<i>142</i>	Slice Spacing	<i>0.5</i>
TE	<i>30.0</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>360</i>
TR	<i>3540.0</i>	Phase	<i>160</i>
Echo Train Length	<i>8</i>	Freq DIR	<i>A/P</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (P)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
Filter Choice	<i>F</i>	Auto Shim	<i>Auto</i>
<b>GATING/TRIGGER</b>		Phase Correction	<i>Yes</i>
Auto Trigger Type	<i>Off</i>	<b>USER CVS</b>	
<b>FMRI</b>		User CV8	<i>1.00</i>
PSD Trigger	<i>Internal</i>	User CV19	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV21	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV22	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>1800.0</i>
<b>SAT</b>		TR Max	<i>6000.0</i>
Tag Type	<i>None</i>	<b>MULTI-PHASE</b>	
Fat/Water Saturation	<i>Fat Classic</i>	Seperate Series	<i>0</i>
<b>TRICKS</b>		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	<b>DIFFUSION</b>	
Auto SCIC	<i>2</i>	Recon All Images	<i>On</i>
		<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

AX PD F/S SFOV

AX PD F/S SFOV

McLeod Pavilion

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** IF CONTRAST**	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>SPGR</i>
	Coil Configuration	<i>Body</i>	Imaging Options	<i>EDR, Fast, ZIP2, Calib</i>
	Plane	<i>AXIAL</i>	<b>SCAN RANGE</b>	
	Series Description	<b>** IF CONTRAST**</b>	FOV	<i>46.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>14.4</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	<b>IMAGE ENHANCE</b>		Freq DIR	<i>R/L</i>
	Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
	<b>GATING/TRIGGER</b>		Phase Correction	<i>No</i>
	Auto Trigger Type	<i>Off</i>	<b>FMRI</b>	
	<b>MULTI-PHASE</b>		PSD Trigger	<i>Internal</i>
	Seperate Series	<i>0</i>	View Order	<i>Bottom/Up</i>
	Mask Phase	<i>0</i>	# of Repetitions REST	<i>0</i>
	Mask Pause	<i>0</i>	# of Repetitions ACTIVE	<i>0</i>
	<b>DIFFUSION</b>		<b>SAT</b>	
	Recon All Images	<i>On</i>	Tag Type	<i>None</i>
	<b>CONTRAST</b>		<b>TRICKS</b>	
	Contrast Yes/No	<i>No</i>	Pause On/Off	<i>On</i>
		Auto Subtract	<i>0</i>	
		Auto SCIC	<i>Off</i>	

\*\* IF CONTRAST\*\*

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Ax T1 PRE FATSAT</i>	FOV	<i>34.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>6.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>2.0</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>384</i>
TR	<i>797.0</i>	Phase	<i>192</i>
Echo Train Length	<i>7</i>	Freq DIR	<i>R/L</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>FMRI</b>		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>400.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>850.0</i>
<b>SAT</b>		<b>MULTI-PHASE</b>	
Tag Type	<i>None</i>	Seperate Series	<i>0</i>
Fat/Water Saturation	<i>Fat</i>	Mask Phase	<i>0</i>
<b>TRICKS</b>		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	<b>DIFFUSION</b>	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>On</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

Ax T1 PRE FATSAT

Ax T1 PRE FATSAT

McLeod Pavilion

Protocol: adult\_lowerExtremities\_MSK TIB/FIB

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>+C Ax T1 FSE</i>	FOV	<i>34.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>6.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>2.0</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>384</i>
TR	<i>742.0</i>	Phase	<i>192</i>
Echo Train Length	<i>7</i>	Freq DIR	<i>R/L</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (L)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>1.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Phase FOV	<i>1.00</i>
Auto Trigger Type	<i>Off</i>	Auto Shim	<i>Auto</i>
<b>FMRI</b>		Phase Correction	<i>Yes</i>
PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
View Order	<i>Bottom/Up</i>	TR Min	<i>400.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>850.0</i>
# of Repetitions ACTIVE	<i>0</i>	<b>MULTI-PHASE</b>	
<b>SAT</b>		Seperate Series	<i>0</i>
Tag Type	<i>None</i>	Mask Phase	<i>0</i>
<b>TRICKS</b>		Mask Pause	<i>0</i>
Pause On/Off	<i>On</i>	<b>DIFFUSION</b>	
Auto Subtract	<i>0</i>	Recon All Images	<i>On</i>
Auto SCIC	<i>On</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

+C Ax T1 FSE

+C Ax T1 FSE

McLeod Pavilion

Protocol: adult\_lowerExtremities\_MSK TIB/FIB

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>+ C Cor T1 FSE</i>	FOV	<i>40.0</i>
SCAN TIMING		Slice Thickness	<i>5.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>439.0</i>	Phase	<i>160</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (I)</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV16	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV21	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>400.0</i>
SAT		TR Max	<i>850.0</i>
Tag Type	<i>None</i>	MULTI-PHASE	
Fat/Water Saturation	<i>Fat</i>	Seperate Series	<i>0</i>
TRICKS		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	DIFFUSION	
Auto SCIC	<i>On</i>	Recon All Images	<i>On</i>
		CONTRAST	
		Contrast Yes/No	<i>Yes</i>

+ C Cor T1 FSE

+ C Cor T1 FSE

Protocol: adult\_lowerExtremities\_MSK TIB/FIB

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>FSE-XL</i>
Coil Configuration	<i>Body</i>	Imaging Options	<i>NPW, EDR, TRF, Fast, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>+ C SAG T1 FSE</i>	FOV	<i>40.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>5.0</i>
Flip Angle	<i>111</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>439.0</i>	Phase	<i>160</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>41.67</i>	Fat Shift DIR	<i>Normal (I)</i>
<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
Filter Choice	<i>A</i>	# of Acq. Before Pause	<i>0</i>
<b>GATING/TRIGGER</b>		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>Yes</i>
<b>FMRI</b>		<b>USER CVS</b>	
PSD Trigger	<i>Internal</i>	User CV16	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV19	<i>1.00</i>
# of Repetitions REST	<i>0</i>	User CV21	<i>1.00</i>
# of Repetitions ACTIVE	<i>0</i>	TR Min	<i>400.0</i>
<b>SAT</b>		TR Max	<i>850.0</i>
Tag Type	<i>None</i>	<b>MULTI-PHASE</b>	
Fat/Water Saturation	<i>Fat</i>	Seperate Series	<i>0</i>
<b>TRICKS</b>		Mask Phase	<i>0</i>
Pause On/Off	<i>On</i>	Mask Pause	<i>0</i>
Auto Subtract	<i>0</i>	<b>DIFFUSION</b>	
Auto SCIC	<i>On</i>	Recon All Images	<i>On</i>
		<b>CONTRAST</b>	
		Contrast Yes/No	<i>Yes</i>

+ C SAG T1 FSE

+ C SAG T1 FSE