

McLeod Pavilion

Protocol: adult\_lowerExtremities\_RIGHT KNEE

3 Plane Localizer Right	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	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>Extremity</i>	Imaging Options	<i>Seq, EDR, Fast, SS, ARC</i>
	Plane	<i>3-PLANE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>3 Plane Localizer Right</i>	FOV	<i>28.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>5.0</i>
	TE	<i>80.0</i>	Slice Spacing	<i>5.0</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>1000.0</i>	Freq	<i>384</i>
	Receiver Bandwidth	<i>62.50</i>	Phase	<i>256</i>
	<b>IMAGE ENHANCE</b>		Freq DIR	<i>Unswap</i>
	Filter Choice	<i>None</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>No</i>
	PSD Trigger	<i>Internal</i>	<b>USER CVS</b>	
	View Order	<i>Bottom/Up</i>	User CV1	<i>1.00</i>
	# of Repetitions REST	<i>0</i>	User CV2	<i>240.00</i>
	# of Repetitions ACTIVE	<i>0</i>	User CV13	<i>1.00</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>Off</i>	Recon All Images	<i>On</i>	
<b>OTHERS</b>		<b>CONTRAST</b>		
Protocol Notes	<i>PLEASE DO THE CUBE PDFS AND THE 2D</i>	Contrast Yes/No	<i>No</i>	

3 Plane Localizer Right

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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>FC, EDR, TRF, Fast, FR, ARC</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>Ax T2 frFSE FS</i>		
SCAN TIMING		SCAN RANGE	
Flip Angle	<i>142</i>	FOV	<i>16.0</i>
TE	<i>85.0</i>	Slice Thickness	<i>3.0</i>
Number of Echoes	<i>1</i>	Slice Spacing	<i>0.5</i>
TR	<i>4607.0</i>		
Echo Train Length	<i>20</i>	ACQ TIMING	
Receiver Bandwidth	<i>31.25</i>	Freq	<i>360</i>
		Phase	<i>224</i>
		Freq DIR	<i>R/L</i>
		Fat Shift DIR	<i>Normal (L)</i>
		NEX	<i>2.00</i>
		# of Acq. Before Pause	<i>0</i>
		Phase FOV	<i>1.00</i>
		Auto Shim	<i>Auto</i>
		Phase Correction	<i>Yes</i>
		Flow Direction Compensation	<i>Slice</i>
IMAGE ENHANCE		USER CVS	
Filter Choice	<i>F</i>	User CV8	<i>1.00</i>
		User CV19	<i>0.80</i>
		User CV21	<i>1.00</i>
		User CV22	<i>1.00</i>
		TR Min	<i>3000.0</i>
		TR Max	<i>6500.0</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>		
Fat/Water Saturation	<i>Fat Classic</i>		
TRICKS			
Pause On/Off	<i>On</i>		
Auto Subtract	<i>0</i>		
Auto SCIC	<i>2</i>		

Ax T2 frFSE FS

Ax T2 frFSE 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>Sag PD F/S frFSE</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>3632.0</i>	Phase	<i>224</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>

Sag PD F/S frFSE

Sag PD F/S frFSE

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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>Sag T2 frFSE FS</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>85.0</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>360</i>
TR	<i>5668.0</i>	Phase	<i>224</i>
Echo Train Length	<i>18</i>	Freq DIR	<i>A/P</i>
Receiver Bandwidth	<i>41.67</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>0.80</i>
View Order	<i>Bottom/Up</i>	User CV22	<i>1.00</i>
# of Repetitions REST	<i>0</i>	TR Min	<i>2500.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>8000.0</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>No</i>

Sag T2 frFSE FS

Sag T2 frFSE FS

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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>Cube</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, FR, ARC</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>3D Sag PD FS Cube</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>30.0</i>	FOV	<i>16.0</i>
Number of Echoes	<i>1</i>	Slice Thickness	<i>1.0</i>
TR	<i>1500.0</i>	Location per Slab	<i>144</i>
Echo Train Length	<i>60</i>	Overlap Locations	<i>0</i>
Receiver Bandwidth	<i>83.33</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>B</i>	Freq	<i>160</i>
		Phase	<i>160</i>
GATING/TRIGGER		Freq DIR	<i>S/I</i>
Auto Trigger Type	<i>Off</i>	NEX	<i>2.00</i>
FMRI		Phase FOV	<i>1.00</i>
PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
# of Repetitions REST	<i>0</i>	USER CVS	
# of Repetitions ACTIVE	<i>0</i>	User CV5	<i>0.70</i>
SAT		User CV12	<i>70.00</i>
Tag Type	<i>None</i>	User CV22	<i>1.00</i>
Fat/Water Saturation	<i>Fat</i>	MULTI-PHASE	
TRICKS		Seperate Series	<i>0</i>
Pause On/Off	<i>On</i>	Mask Phase	<i>0</i>
Auto Subtract	<i>0</i>	Mask Pause	<i>0</i>
Auto SCIC	<i>2</i>	DIFFUSION	
CONTRAST		Recon All Images	<i>On</i>
Contrast Yes/No	<i>No</i>	TRACKER	
		Tracker Length	<i>200.0</i>
		Tracker Thickness	<i>20.0</i>

3D Sag PD FS Cube

3D Sag PD FS Cube

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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>Cor PD F/S frFSE</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>3632.0</i>	Phase	<i>224</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>

Cor PD F/S frFSE

Cor PD F/S frFSE

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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</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Cor T1 FSE</i>	FOV	<i>16.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
Flip Angle	<i>142</i>	Slice Spacing	<i>0.5</i>
TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
Number of Echoes	<i>1</i>	Freq	<i>360</i>
TR	<i>799.0</i>	Phase	<i>192</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>B</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 CV8	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV16	<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>400.0</i>
<b>SAT</b>		TR Max	<i>850.0</i>
SAT Location	<i>S</i>	<b>MULTI-PHASE</b>	
SAT Location	<i>I</i>	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>2</i>	<b>CONTRAST</b>	
		Contrast Yes/No	<i>No</i>

Cor T1 FSE

Cor T1 FSE

McLeod Pavilion

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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>Gradient Echo</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>Seq, Fast</i>
Plane	<i>3-PLANE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>----Options----</i>	<b>IMAGE ENHANCE</b>	
<b>SCAN RANGE</b>		Filter Choice	<i>None</i>
FOV	<i>24.0</i>	<b>GATING/TRIGGER</b>	
Slice Thickness	<i>10.0</i>	Auto Trigger Type	<i>Off</i>
Slice Spacing	<i>5.0</i>	<b>MULTI-PHASE</b>	
<b>ACQ TIMING</b>		# of Acquisition	<i>0</i>
Freq	<i>256</i>	Seperate Series	<i>0</i>
Phase	<i>128</i>	Mask Phase	<i>0</i>
Freq DIR	<i>Unswap</i>	Mask Pause	<i>0</i>
NEX	<i>1.00</i>	<b>ASSET</b>	
Phase FOV	<i>1.00</i>	Slice Acceleration Factor	<i>1.00</i>
Auto Shim	<i>Auto</i>	Phase Acceleration Factor	<i>1.00</i>
Phase Correction	<i>No</i>	<b>CONTRAST</b>	
<b>FMRI</b>		Contrast Yes/No	<i>No</i>
PSD Trigger	<i>Internal</i>		
Slice Order	<i>Interleaved</i>		
View Order	<i>Bottom/Up</i>		
# of Repetitions REST	<i>0</i>		
# of Repetitions ACTIVE	<i>0</i>		
<b>SAT</b>			
Tag Type	<i>None</i>		
<b>TRICKS</b>			
Pause On/Off	<i>On</i>		
Auto Subtract	<i>0</i>		
Auto SCIC	<i>Off</i>		



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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>PROPELLER</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, TRF, Fast, FR, ARC</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>SAG PD FSE FS PROPELLER</i>	FOV	<i>16.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
Flip Angle	<i>110</i>	Slice Spacing	<i>0.5</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>2827.0</i>	Freq	<i>288</i>
Echo Train Length	<i>10</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>50.00</i>	Fat Shift DIR	<i>Normal (S)</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>No</i>
Auto Trigger Type	<i>Off</i>	<b>USER CVS</b>	
<b>FMRI</b>		User CV5	<i>1.00</i>
PSD Trigger	<i>Internal</i>	User CV19	<i>0.80</i>
View Order	<i>Bottom/Up</i>	TR Min	<i>1800.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>6000.0</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>
Fat/Water Saturation	<i>Fat Classic</i>	Mask Pause	<i>0</i>
<b>TRICKS</b>		<b>DIFFUSION</b>	
Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
Auto Subtract	<i>0</i>	<b>CONTRAST</b>	
Auto SCIC	<i>2</i>	Contrast Yes/No	<i>No</i>

SAG PD FSE FS PROPELLER

SAG PD FSE FS PROPELLER

McLeod Pavilion

Protocol: adult\_lowerExtremities\_RIGHT KNEE

Sag T2 FSE FS PROPELLER	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>PROPELLER</i>
	Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, TRF, Fast, ARC</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>Sag T2 FSE FS PROPELLER</i>	FOV	<i>16.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>90</i>	Slice Spacing	<i>0.5</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>3716.0</i>	Freq	<i>288</i>
	Echo Train Length	<i>16</i>	Freq DIR	<i>S/I</i>
	Receiver Bandwidth	<i>50.00</i>	Fat Shift DIR	<i>Normal (S)</i>
	<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
	Filter Choice	<i>U N2S2</i>	Auto Shim	<i>Auto</i>
	<b>GATING/TRIGGER</b>		Phase Correction	<i>No</i>
	Auto Trigger Type	<i>Off</i>	<b>USER CVS</b>	
	<b>FMRI</b>		User CV5	<i>1.00</i>
	PSD Trigger	<i>Internal</i>	User CV19	<i>0.80</i>
	View Order	<i>Bottom/Up</i>	TR Min	<i>2500.0</i>
	# of Repetitions REST	<i>0</i>	TR Max	<i>8000.0</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>
	Fat/Water Saturation	<i>Fat Classic</i>	Mask Pause	<i>0</i>
	<b>TRICKS</b>		<b>DIFFUSION</b>	
	Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
	Auto Subtract	<i>0</i>	<b>CONTRAST</b>	
	Auto SCIC	<i>2</i>	Contrast Yes/No	<i>No</i>

Sag T2 FSE FS PROPELLER

Protocol: adult\_lowerExtremities\_RIGHT KNEE

Cor T1 FSE PROPELLER	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>PROPELLER</i>
	Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, TRF, Fast, FR, ARC</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>Cor T1 FSE PROPELLER</i>	FOV	<i>16.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>90</i>	Slice Spacing	<i>0.5</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>578.0</i>	Freq	<i>288</i>
	Echo Train Length	<i>5</i>	Freq DIR	<i>S/I</i>
	Receiver Bandwidth	<i>50.00</i>	Fat Shift DIR	<i>Normal (I)</i>
	<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
	Filter Choice	<i>B</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>No</i>
	<b>FMRI</b>		<b>USER CVS</b>	
	PSD Trigger	<i>Internal</i>	User CV5	<i>1.00</i>
	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>2</i>	<b>CONTRAST</b>		
		Contrast Yes/No	<i>No</i>	

Cor T1 FSE PROPELLER

McLeod Pavilion

Protocol: adult\_lowerExtremities\_RIGHT KNEE

AX T2 FSE FS PROPELLER	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
	Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
	Patient Position	<i>Supine</i>	Pulse Sequence	<i>PROPELLER</i>
	Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, TRF, Fast, ARC</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>AX T2 FSE FS PROPELLER</i>	FOV	<i>16.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
	Flip Angle	<i>90</i>	Slice Spacing	<i>0.5</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>4352.0</i>	Freq	<i>288</i>
	Echo Train Length	<i>16</i>	Freq DIR	<i>A/P</i>
	Receiver Bandwidth	<i>50.00</i>	Fat Shift DIR	<i>Normal (A)</i>
	<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
	Filter Choice	<i>U N2S2</i>	Auto Shim	<i>Auto</i>
	<b>GATING/TRIGGER</b>		Phase Correction	<i>No</i>
	Auto Trigger Type	<i>Off</i>	<b>USER CVS</b>	
	<b>FMRI</b>		User CV5	<i>1.00</i>
	PSD Trigger	<i>Internal</i>	User CV19	<i>0.80</i>
	View Order	<i>Bottom/Up</i>	TR Min	<i>2500.0</i>
	# of Repetitions REST	<i>0</i>	TR Max	<i>8000.0</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>
	Fat/Water Saturation	<i>Fat Classic</i>	Mask Pause	<i>0</i>
	<b>TRICKS</b>		<b>DIFFUSION</b>	
	Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
	Auto Subtract	<i>0</i>	<b>CONTRAST</b>	
	Auto SCIC	<i>2</i>	Contrast Yes/No	<i>No</i>

AX T2 FSE FS PROPELLER

McLeod Pavilion

Protocol: adult\_lowerExtremities\_RIGHT KNEE

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>PROPELLER</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, TRF, Fast, FR, ARC, IrP</i>
Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
Series Description	<i>Sag STIR PROPELLER</i>	FOV	<i>16.0</i>
<b>SCAN TIMING</b>		Slice Thickness	<i>3.0</i>
Flip Angle	<i>120</i>	Slice Spacing	<i>0.5</i>
Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
TR	<i>9527.0</i>	Freq	<i>260</i>
TI	<i>190</i>	Freq DIR	<i>S/I</i>
Echo Train Length	<i>17</i>	Fat Shift DIR	<i>Normal (S)</i>
Receiver Bandwidth	<i>50.00</i>	NEX	<i>1.50</i>
<b>IMAGE ENHANCE</b>		Auto Shim	<i>Auto</i>
Filter Choice	<i>G</i>	Phase Correction	<i>No</i>
<b>GATING/TRIGGER</b>		<b>USER CVS</b>	
Auto Trigger Type	<i>Off</i>	User CV5	<i>1.00</i>
<b>FMRI</b>		TR Min	<i>3000.0</i>
PSD Trigger	<i>Internal</i>	TR Max	<i>10000.0</i>
View Order	<i>Bottom/Up</i>	<b>MULTI-PHASE</b>	
# of Repetitions REST	<i>0</i>	Seperate Series	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>	Mask Phase	<i>0</i>
<b>SAT</b>		Mask Pause	<i>0</i>
Tag Type	<i>None</i>	<b>DIFFUSION</b>	
<b>TRICKS</b>		Recon All Images	<i>On</i>
Pause On/Off	<i>On</i>	<b>CONTRAST</b>	
Auto Subtract	<i>0</i>	Contrast Yes/No	<i>No</i>
Auto SCIC	<i>Off</i>		

Sag STIR PROPELLER

Sag STIR PROPELLER

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Protocol: adult\_lowerExtremities\_RIGHT KNEE

<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>2D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Gradient Echo</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>Seq, Fast</i>
Plane	<i>3-PLANE</i>	Acceleration Factor	<i>1.00</i>
Series Description	<i>----3D----</i>	<b>IMAGE ENHANCE</b>	
<b>SCAN RANGE</b>		Filter Choice	<i>None</i>
FOV	<i>24.0</i>	<b>GATING/TRIGGER</b>	
Slice Thickness	<i>10.0</i>	Auto Trigger Type	<i>Off</i>
Slice Spacing	<i>5.0</i>	<b>MULTI-PHASE</b>	
<b>ACQ TIMING</b>		# of Acquisition	<i>0</i>
Freq	<i>256</i>	Seperate Series	<i>0</i>
Phase	<i>128</i>	Mask Phase	<i>0</i>
Freq DIR	<i>Unswap</i>	Mask Pause	<i>0</i>
NEX	<i>1.00</i>	<b>ASSET</b>	
Phase FOV	<i>1.00</i>	Slice Acceleration Factor	<i>1.00</i>
Auto Shim	<i>Auto</i>	Phase Acceleration Factor	<i>1.00</i>
Phase Correction	<i>No</i>	<b>CONTRAST</b>	
<b>FMRI</b>		Contrast Yes/No	<i>No</i>
PSD Trigger	<i>Internal</i>		
Slice Order	<i>Interleaved</i>		
View Order	<i>Bottom/Up</i>		
# of Repetitions REST	<i>0</i>		
# of Repetitions ACTIVE	<i>0</i>		
<b>SAT</b>			
Tag Type	<i>None</i>		
<b>TRICKS</b>			
Pause On/Off	<i>On</i>		
Auto Subtract	<i>0</i>		
Auto SCIC	<i>Off</i>		

McLeod Pavilion

Protocol: adult\_lowerExtremities\_RIGHT KNEE

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	<i>Feet First</i>	Imaging Mode	<i>3D</i>
Patient Position	<i>Supine</i>	Pulse Sequence	<i>Cube</i>
Coil Configuration	<i>Extremity</i>	Imaging Options	<i>EDR, Fast, ZIP512, ZIP2, FR, ARC</i>
Plane	<i>OBLIQUE</i>		
Series Description	<i>3D Sag PD FS Cube</i>		
SCAN TIMING		SCAN RANGE	
TE	<i>30.0</i>	FOV	<i>16.0</i>
Number of Echoes	<i>1</i>	Slice Thickness	<i>1.0</i>
TR	<i>1500.0</i>	Location per Slab	<i>144</i>
Echo Train Length	<i>60</i>	Overlap Locations	<i>0</i>
Receiver Bandwidth	<i>83.33</i>		
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	<i>B</i>	Freq	<i>160</i>
		Phase	<i>160</i>
GATING/TRIGGER		Freq DIR	<i>S/I</i>
Auto Trigger Type	<i>Off</i>	NEX	<i>2.00</i>
FMRI		Phase FOV	<i>1.00</i>
PSD Trigger	<i>Internal</i>	Auto Shim	<i>Auto</i>
View Order	<i>Bottom/Up</i>	Phase Correction	<i>No</i>
# of Repetitions REST	<i>0</i>	USER CVS	
# of Repetitions ACTIVE	<i>0</i>	User CV5	<i>0.70</i>
SAT		User CV12	<i>70.00</i>
Tag Type	<i>None</i>	User CV22	<i>1.00</i>
Fat/Water Saturation	<i>Fat</i>	MULTI-PHASE	
TRICKS		Seperate Series	<i>0</i>
Pause On/Off	<i>On</i>	Mask Phase	<i>0</i>
Auto Subtract	<i>0</i>	Mask Pause	<i>0</i>
Auto SCIC	<i>2</i>	DIFFUSION	
CONTRAST		Recon All Images	<i>On</i>
Contrast Yes/No	<i>No</i>	TRACKER	
		Tracker Length	<i>200.0</i>
		Tracker Thickness	<i>20.0</i>

3D Sag PD FS Cube

3D Sag PD FS Cube