

Protocol: adult\_lowerExtremities\_FOREFOOT W.WO per howard

3-Plane Localizer	<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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>Seq, EDR, Fast, SS</i>
	Plane	<i>3-PLANE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>3-Plane Localizer</i>	FOV	<i>35.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>8.0</i>
	TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
	Number of Echoes	<i>1</i>	<b>ACQ TIMING</b>	
	TR	<i>Minimum</i>	Freq	<i>352</i>
	Receiver Bandwidth	<i>83.33</i>	Phase	<i>160</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>	
	Slice Order	<i>Interleaved</i>	User CV2	<i>240.00</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>			
<b>OTHERS</b>				
Protocol Notes	<i>This protocol is built based on Express coil suite. Please select the appropriate coil which is available in your site and optimizing the parameters accordingly.</i>			

3-Plane Localizer

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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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>TRF, Fast, MRF</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG T1 FSE LFOV</i>	FOV	<i>26.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>525.0</i>	Phase	<i>160</i>
Echo Train Length	<i>5</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (S)</i>
IMAGE ENHANCE		NEX	<i>2.00</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>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
Slice Order	<i>Interleaved</i>	User CV8	<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>350.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</i>
SAT		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>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

SAG T1 FSE LFOV

SAG T1 FSE LFOV

Protocol: adult\_lowerExtremities\_FOREFOOT W.WO per howard

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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>TRF, Fast, MRF</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG T1</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>402.0</i>	Phase	<i>160</i>
Echo Train Length	<i>5</i>	Freq DIR	<i>S/I</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (S)</i>
IMAGE ENHANCE		NEX	<i>2.00</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>Yes</i>
PSD Trigger	<i>Internal</i>	USER CVS	
Slice Order	<i>Interleaved</i>	User CV8	<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>350.0</i>
# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</i>
SAT		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>
		CONTRAST	
		Contrast Yes/No	<i>No</i>

SAG T1

SAG T1

Protocol: adult\_lowerExtremities\_FOREFOOT W.WO per howard

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	HD T/R Knee/Foot Coil by Invivo	Imaging Options	NPW, EDR, TRF, Fast, MRF
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG PD FS	FOV	16.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	120	Slice Spacing	0.0
TE	30.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	2857.0	Phase	224
Echo Train Length	8	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (I)
IMAGE ENHANCE		NEX	3.00
Filter Choice	A	Phase FOV	0.70
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	Yes
FMRI		USER CVS	
PSD Trigger	Internal	User CV8	1.00
Slice Order	Interleaved	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	2000.0
SAT		TR Max	5000.0
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	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG PD FS

SAG PD FS

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PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	HD T/R Knee/Foot Coil by Invivo	Imaging Options	NPW, TRF, Fast, MRF
Plane	OBLIQUE	SCAN RANGE	
Series Description	AX (SA) T1 FSE	FOV	17.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	160	Slice Spacing	1.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	393.0	Phase	224
Echo Train Length	3	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (I)
IMAGE ENHANCE		NEX	2.00
Filter Choice	None	# of Acq. Before Pause	0
GATING/TRIGGER		Phase FOV	0.70
Auto Trigger Type	Off	Auto Shim	Auto
FMRI		Phase Correction	No
PSD Trigger	Internal	USER CVS	
Slice Order	Interleaved	User CV22	1.00
View Order	Bottom/Up	TR Min	350.0
# of Repetitions REST	0	TR Max	750.0
# 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	Off	CONTRAST	
		Contrast Yes/No	No

AX (SA) T1 FSE

AX (SA) T1 FSE

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AX (SA) T1 FS	<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>FSE-XL</i>
	Coil Configuration	<i>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, TRF, Fast, MRF</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>AX (SA) T1 FS</i>	FOV	<i>17.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
	TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
	Number of Echoes	<i>1</i>	Freq	<i>320</i>
	TR	<i>740.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>3</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>2.00</i>
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
	<b>GATING/TRIGGER</b>		Phase FOV	<i>0.70</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>	
	Slice Order	<i>Interleaved</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>350.0</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</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>Off</i>	<b>CONTRAST</b>		
		Contrast Yes/No	<i>No</i>	

AX (SA) T1 FS

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AX (SA) STIR	<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>FSE-XL</i>
	Coil Configuration	<i>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, Seq, Fast, MRF, IrP</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>AX (SA) STIR</i>	FOV	<i>16.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>180</i>	Slice Spacing	<i>1.0</i>
	TE	<i>35.0</i>	<b>ACQ TIMING</b>	
	Number of Echoes	<i>1</i>	Freq	<i>288</i>
	TR	<i>4769.0</i>	Phase	<i>160</i>
	TI	<i>150</i>	Freq DIR	<i>Unswap</i>
	Echo Train Length	<i>8</i>	Fat Shift DIR	<i>Normal</i>
	Receiver Bandwidth	<i>20.83</i>	NEX	<i>2.00</i>
	<b>IMAGE ENHANCE</b>		# of Acq. Before Pause	<i>0</i>
	Filter Choice	<i>None</i>	Phase FOV	<i>0.70</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 CV22	<i>1.00</i>
	Slice Order	<i>Interleaved</i>	TR Min	<i>3000.0</i>
	View Order	<i>Bottom/Up</i>	TR Max	<i>6000.0</i>
	# of Repetitions REST	<i>0</i>	<b>MULTI-PHASE</b>	
	# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>
	<b>SAT</b>		Mask Phase	<i>0</i>
	Tag Type	<i>None</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>Off</i>	Contrast Yes/No	<i>No</i>

AX (SA) 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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, TRF, Fast, MRF</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>COR T1 (LA) FSE</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>626.0</i>	Phase	<i>224</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (A)</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>None</i>	Phase FOV	<i>0.75</i>
GATING/TRIGGER		Auto Shim	<i>Auto</i>
Auto Trigger Type	<i>Off</i>	Phase Correction	<i>No</i>
FMRI		USER CVS	
PSD Trigger	<i>Internal</i>	User CV22	<i>1.00</i>
Slice Order	<i>Interleaved</i>	TR Min	<i>350.0</i>
View Order	<i>Bottom/Up</i>	TR Max	<i>750.0</i>
# of Repetitions REST	<i>0</i>	MULTI-PHASE	
# of Repetitions ACTIVE	<i>0</i>	Seperate Series	<i>0</i>
SAT		Mask Phase	<i>0</i>
Tag Type	<i>None</i>	Mask Pause	<i>0</i>
TRICKS		DIFFUSION	
Pause On/Off	<i>On</i>	Recon All Images	<i>On</i>
Auto Subtract	<i>0</i>	CONTRAST	
Auto SCIC	<i>Off</i>	Contrast Yes/No	<i>No</i>

COR T1 (LA) FSE

COR T1 (LA) FSE



Protocol: adult\_lowerExtremities\_FOREFOOT W.WO per howard

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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, Seq, Fast, MRF, IrP</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>COR (LA) STIR</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>180</i>	Slice Spacing	<i>0.0</i>
TE	<i>35.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>4769.0</i>	Phase	<i>160</i>
TI	<i>150</i>	Freq DIR	<i>Unswap</i>
Echo Train Length	<i>8</i>	Fat Shift DIR	<i>Normal</i>
Receiver Bandwidth	<i>20.83</i>	NEX	<i>2.00</i>
IMAGE ENHANCE		Phase FOV	<i>0.70</i>
Filter Choice	<i>None</i>	Auto Shim	<i>Auto</i>
GATING/TRIGGER		Phase Correction	<i>No</i>
Auto Trigger Type	<i>Off</i>	USER CVS	
FMRI		User CV22	<i>1.00</i>
PSD Trigger	<i>Internal</i>	TR Min	<i>3000.0</i>
Slice Order	<i>Interleaved</i>	TR Max	<i>6000.0</i>
View Order	<i>Bottom/Up</i>	MULTI-PHASE	
# of Repetitions REST	<i>0</i>	Seperate Series	<i>0</i>
# of Repetitions ACTIVE	<i>0</i>	Mask Phase	<i>0</i>
SAT		Mask Pause	<i>0</i>
Tag Type	<i>None</i>	DIFFUSION	
TRICKS		Recon All Images	<i>On</i>
Pause On/Off	<i>On</i>	CONTRAST	
Auto Subtract	<i>0</i>	Contrast Yes/No	<i>No</i>
Auto SCIC	<i>Off</i>		

COR (LA) STIR

COR (LA) STIR

Protocol: adult\_lowerExtremities\_FOREFOOT W.WO per howard

PATIENT POSITION		IMAGING PARAMETERS	
Patient Entry	Feet First	Imaging Mode	2D
Patient Position	Supine	Pulse Sequence	FSE-XL
Coil Configuration	HD T/R Knee/Foot Coil by Invivo	Imaging Options	TRF, Fast, MRF
Plane	OBLIQUE	SCAN RANGE	
Series Description	+C SAG T1 FS	FOV	16.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	160	Slice Spacing	0.0
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	624.0	Phase	160
Echo Train Length	5	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)
IMAGE ENHANCE		NEX	2.00
Filter Choice	None	# of Acq. Before Pause	0
GATING/TRIGGER		Phase FOV	1.00
Auto Trigger Type	Off	Auto Shim	Auto
FMRI		Phase Correction	Yes
PSD Trigger	Internal	USER CVS	
Slice Order	Interleaved	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	350.0
SAT		TR Max	750.0
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	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

+C SAG T1 FS

+C SAG T1 FS

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+C AX (SA) T1 FS	<b>PATIENT POSITION</b>		<b>IMAGING PARAMETERS</b>		+C AX (SA) T1 FS
	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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, TRF, Fast, MRF</i>	
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>		
	Series Description	<i>+C AX (SA) T1 FS</i>	FOV	<i>17.0</i>	
	<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>	
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>	
	TE	<i>Min Full</i>	<b>ACQ TIMING</b>		
	Number of Echoes	<i>1</i>	Freq	<i>320</i>	
	TR	<i>740.0</i>	Phase	<i>224</i>	
	Echo Train Length	<i>3</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>2.00</i>	
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>	
	<b>GATING/TRIGGER</b>		Phase FOV	<i>0.70</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>		
	Slice Order	<i>Interleaved</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>350.0</i>	
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</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>Off</i>	<b>CONTRAST</b>			
		Contrast Yes/No	<i>Yes</i>		

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+C COR T1 (LA) fatsat	<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>FSE-XL</i>
	Coil Configuration	<i>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, TRF, Fast, MRF</i>
	Plane	<i>OBLIQUE</i>	<b>SCAN RANGE</b>	
	Series Description	<i>+C COR T1 (LA) fatsat</i>	FOV	<i>16.0</i>
	<b>SCAN TIMING</b>		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>0.0</i>
	TE	<i>Min Full</i>	<b>ACQ TIMING</b>	
	Number of Echoes	<i>1</i>	Freq	<i>320</i>
	TR	<i>619.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>3</i>	Freq DIR	<i>A/P</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal (A)</i>
	<b>IMAGE ENHANCE</b>		NEX	<i>2.00</i>
	Filter Choice	<i>None</i>	# of Acq. Before Pause	<i>0</i>
	<b>GATING/TRIGGER</b>		Phase FOV	<i>0.75</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>	
	Slice Order	<i>Interleaved</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>350.0</i>
	# of Repetitions ACTIVE	<i>0</i>	TR Max	<i>750.0</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>Off</i>	<b>CONTRAST</b>		
		Contrast Yes/No	<i>Yes</i>	

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