

Protocol: adult_lowerExtremities_ANKLE

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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>Seq, EDR, Fast, SS</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>3-Plane Localizer</i>	FOV	<i>48.0</i>
SCAN TIMING		Slice Thickness	<i>8.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>Minimum</i>	Freq	<i>352</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	
Slice Order	<i>Interleaved</i>	User CV1	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</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>

3-Plane Localizer

3-Plane Localizer

Protocol: adult_lowerExtremities_ANKLE

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	SAGITTAL	SCAN RANGE	
Series Description	SAG T1 FSE LFOV	FOV	24.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	160	Slice Spacing	0.5
TE	Min Full	ACQ TIMING	
Number of Echoes	1	Freq	320
TR	480.0	Phase	192
Echo Train Length	4	Freq DIR	S/I
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (S)
IMAGE ENHANCE		NEX	1.00
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 CV22	1.00
# of Repetitions REST	0	TR Min	350.0
# of Repetitions ACTIVE	0	TR Max	750.0
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	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

SAG T1 FSE LFOV

SAG T1 FSE LFOV

Protocol: adult_lowerExtremities_ANKLE

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>SAGITTAL</i>	SCAN RANGE	
Series Description	<i>AX T1 FSE</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>385.0</i>	Phase	<i>224</i>
Echo Train Length	<i>4</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>

AX T1 FSE

AX T1 FSE

Protocol: adult_lowerExtremities_ANKLE

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>Seq, EDR, TRF, Fast, ZIP512, MRF, IrP</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>AX STIR</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>42.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>8443.0</i>	Phase	<i>160</i>
TI	<i>140</i>	Freq DIR	<i>A/P</i>
Echo Train Length	<i>10</i>	Fat Shift DIR	<i>Normal (A)</i>
Receiver Bandwidth	<i>25.00</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 CV21	<i>1.00</i>
PSD Trigger	<i>Internal</i>	User CV22	<i>1.00</i>
Slice Order	<i>Interleaved</i>	TR Min	<i>2000.0</i>
View Order	<i>Bottom/Up</i>	TR Max	<i>15000.0</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>

AX STIR

AX STIR

Protocol: adult_lowerExtremities_ANKLE

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>SAGITTAL</i>	SCAN RANGE	
Series Description	<i>SAG T1 FSE</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>385.0</i>	Phase	<i>224</i>
Echo Train Length	<i>4</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

SAG 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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>NPW, Seq, EDR, TRF, Fast, ZIP512, MRF, IrP</i>
Plane	<i>OBLIQUE</i>	SCAN RANGE	
Series Description	<i>SAG STIR</i>	FOV	<i>16.0</i>
SCAN TIMING		Slice Thickness	<i>3.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
TE	<i>42.0</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>288</i>
TR	<i>5582.0</i>	Phase	<i>192</i>
TI	<i>140</i>	Freq DIR	<i>S/I</i>
Echo Train Length	<i>14</i>	Fat Shift DIR	<i>Normal (S)</i>
Receiver Bandwidth	<i>25.00</i>	NEX	<i>2.00</i>
IMAGE ENHANCE		Phase FOV	<i>1.00</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 CV21	<i>1.00</i>
PSD Trigger	<i>Internal</i>	User CV22	<i>1.00</i>
Slice Order	<i>Interleaved</i>	TR Min	<i>2000.0</i>
View Order	<i>Bottom/Up</i>	TR Max	<i>15000.0</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>

SAG STIR

SAG STIR

Protocol: adult_lowerExtremities_ANKLE

COR PD FSE FS	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, EDR, TRF, Fast</i>
	Plane	<i>OBLIQUE</i>	SCAN RANGE	
	Series Description	<i>COR PD FSE FS</i>	FOV	<i>16.0</i>
	SCAN TIMING		Slice Thickness	<i>4.0</i>
	Flip Angle	<i>160</i>	Slice Spacing	<i>1.0</i>
	TE	<i>35.0</i>	ACQ TIMING	
	Number of Echoes	<i>1</i>	Freq	<i>256</i>
	TR	<i>2500.0</i>	Phase	<i>224</i>
	Echo Train Length	<i>8</i>	Freq DIR	<i>Unswap</i>
	Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal</i>
	IMAGE ENHANCE		NEX	<i>2.00</i>
	Filter Choice	<i>None</i>	Phase FOV	<i>1.00</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 CV19	<i>1.00</i>
	Slice Order	<i>Interleaved</i>	User CV22	<i>1.00</i>
	View Order	<i>Bottom/Up</i>	TR Min	<i>2500.0</i>
	# of Repetitions REST	<i>0</i>	TR Max	<i>5000.0</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>
Fat/Water Saturation	<i>Fat Classic</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>2</i>	Contrast Yes/No	<i>No</i>	

COR PD FSE FS

Protocol: adult_lowerExtremities_ANKLE

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	AX PD FSE	FOV	19.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	120	Slice Spacing	1.0
TE	30.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	2977.0	Phase	224
Echo Train Length	8	Freq DIR	A/P
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (A)
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 CV21	1.00
View Order	Bottom/Up	User CV22	1.00
# of Repetitions REST	0	TR Min	2000.0
# of Repetitions ACTIVE	0	TR Max	5000.0
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	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

AX PD FSE

AX PD FSE

OTHERS

Protocol Notes

SIGNA Explorer 1.5T
Ex: 2578
Se: 2
Im: 12
Sag L66.3

S 176

Acc Num:10
NICHOLSO

DOB

ET:4

A

1
9
8

FSE
TR:477
TE:8.1/EF
EC:1/1 31.2kHz

QUADANKLE
FOV:26x26
4.0thk/0.5sp
24/00:50
320X192/1.00 NEX
/TRF /FSD:S

I 83

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ANGLE THRU
CALCANEOS

Protocol: adult_lowerExtremities_ANKLE

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>HD T/R Knee/Foot Coil by Invivo</i>	Imaging Options	<i>Seq, EDR, Fast, SS</i>
Plane	<i>3-PLANE</i>	SCAN RANGE	
Series Description	<i>*OSTEO*</i>	FOV	<i>48.0</i>
SCAN TIMING		Slice Thickness	<i>8.0</i>
TE	<i>80.0</i>	Slice Spacing	<i>0.0</i>
Number of Echoes	<i>1</i>	ACQ TIMING	
TR	<i>Minimum</i>	Freq	<i>352</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	
Slice Order	<i>Interleaved</i>	User CV1	<i>1.00</i>
View Order	<i>Bottom/Up</i>	User CV2	<i>240.00</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>

OSTEO

OSTEO

Protocol: adult_lowerExtremities_ANKLE

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>SAG T1</i>	FOV	<i>18.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>160</i>	Slice Spacing	<i>0.5</i>
TE	<i>Min Full</i>	ACQ TIMING	
Number of Echoes	<i>1</i>	Freq	<i>320</i>
TR	<i>647.0</i>	Phase	<i>224</i>
Echo Train Length	<i>3</i>	Freq DIR	<i>Unswap</i>
Receiver Bandwidth	<i>31.25</i>	Fat Shift DIR	<i>Normal</i>
IMAGE ENHANCE		NEX	<i>2.00</i>
Filter Choice	<i>None</i>	Phase FOV	<i>1.00</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 CV8	<i>1.00</i>
Slice Order	<i>Interleaved</i>	User CV22	<i>1.00</i>
View Order	<i>Bottom/Up</i>	TR Min	<i>350.0</i>
# of Repetitions REST	<i>0</i>	TR Max	<i>750.0</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>

SAG T1

SAG T1

Protocol: adult_lowerExtremities_ANKLE

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, Seq, EDR, TRF, Fast, ZIP512, MRF, IrP
Plane	OBLIQUE	SCAN RANGE	
Series Description	SAG STIR	FOV	18.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	160	Slice Spacing	0.5
TE	42.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	4698.0	Phase	224
TI	140	Freq DIR	S/I
Echo Train Length	9	Fat Shift DIR	Normal (S)
Receiver Bandwidth	25.00	NEX	2.00
IMAGE ENHANCE		Phase FOV	1.00
Filter Choice	None	Auto Shim	Auto
GATING/TRIGGER		Phase Correction	No
Auto Trigger Type	Off	USER CVS	
FMRI		User CV21	1.00
PSD Trigger	Internal	User CV22	1.00
Slice Order	Interleaved	TR Min	2000.0
View Order	Bottom/Up	TR Max	15000.0
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Seperate Series	0
SAT		Mask Phase	0
Tag Type	None	Mask Pause	0
TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No

SAG STIR

SAG STIR

Protocol: adult_lowerExtremities_ANKLE

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 T1	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	622.0	Phase	224
Echo Train Length	3	Freq DIR	A/P
Receiver Bandwidth	31.25	Fat Shift DIR	Normal (A)
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 T1

AX T1

Protocol: adult_lowerExtremities_ANKLE

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, Seq, Fast, MRF, IrP
Plane	AXIAL	SCAN RANGE	
Series Description	AX STIR	FOV	17.0
SCAN TIMING		Slice Thickness	4.0
Flip Angle	180	Slice Spacing	1.0
TE	35.0	ACQ TIMING	
Number of Echoes	1	Freq	288
TR	4769.0	Phase	160
TI	150	Freq DIR	A/P
Echo Train Length	8	Fat Shift DIR	Normal (A)
Receiver Bandwidth	20.83	NEX	2.00
IMAGE ENHANCE		# of Acq. Before Pause	0
Filter Choice	None	Phase FOV	0.70
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	No
FMRI		USER CVS	
PSD Trigger	Internal	User CV22	1.00
Slice Order	Interleaved	TR Min	3000.0
View Order	Bottom/Up	TR Max	6000.0
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Seperate Series	0
SAT		Mask Phase	0
Tag Type	None	Mask Pause	0
TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No

Protocol: adult_lowerExtremities_ANKLE

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	COR T1	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	622.0	Phase	224
Echo Train Length	3	Freq DIR	Unswap
Receiver Bandwidth	31.25	Fat Shift DIR	Normal
IMAGE ENHANCE		NEX	2.00
Filter Choice	None	Phase FOV	0.70
GATING/TRIGGER		Auto Shim	Auto
Auto Trigger Type	Off	Phase Correction	No
FMRI		USER CVS	
PSD Trigger	Internal	User CV22	1.00
Slice Order	Interleaved	TR Min	350.0
View Order	Bottom/Up	TR Max	750.0
# of Repetitions REST	0	MULTI-PHASE	
# of Repetitions ACTIVE	0	Seperate Series	0
SAT		Mask Phase	0
Tag Type	None	Mask Pause	0
TRICKS		DIFFUSION	
Pause On/Off	On	Recon All Images	On
Auto Subtract	0	CONTRAST	
Auto SCIC	Off	Contrast Yes/No	No

COR T1

COR T1

Protocol: adult_lowerExtremities_ANKLE

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 STIR</i>	FOV	<i>17.0</i>
SCAN TIMING		Slice Thickness	<i>4.0</i>
Flip Angle	<i>180</i>	Slice Spacing	<i>1.0</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 STIR

COR STIR