

1 OSTEO FOREFOOT-TOE ULCER SIGNA Premier

Technical Instructions

LT 3 pl loc SSFSE

RT 3 pl loc SSFSE

SAG STIR

SA T2 FLEX

LA T2 FLEX

SAG T1 FSE

SA T1 FSE

LA T1 FSE

--Tumor ONLY--

pre SA T1 cl fat

--contrast--

+C Sag T1 cl fat

+C SA T1 cl fat

+C LA T1 FLEX

--old--

SA T2 IDEAL

LA T2 IDEAL

+C LA T1 IDEAL

LT 3 pl loc SSFSE

LT 3 pl loc SSFSE

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	Spin Echo
Imaging Options:	Seq, EDR, TRF, Fast, SS

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: None

User CV16: None

User CV39: 1.00

User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1

Synthetic b-value: 1000.0;

Recon All Images: On

SCAN TIMING

Number of Echoes: 1

Receiver Bandwidth: 83.33

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 24.0

Slice Thickness: 7.0

Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	128
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Ankle joint
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RT 3 pl loc SSFSE

RT 3 pl loc SSFSE

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	Spin Echo
Imaging Options:	Seq, EDR, TRF, Fast, SS

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: None

User CV16: None

User CV39: 1.00

User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1

Synthetic b-value: 1000.0;

Recon All Images: On

SCAN TIMING

Number of Echoes: 1

Receiver Bandwidth: 83.33

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 24.0

Slice Thickness: 7.0

Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	128
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Ankle joint
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SAG STIR

SAG STIR

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	Seq, Fast, IrP

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV7: None
User CV8: None
User CV9: None
User CV12: 1.00
User CV15: None
User CV17: None
User CV18: None
User CV21: 1.00
User CV22: 1.00
User CV30: 1.00
User CV Mask2: 0

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 125
TE: 40.0
Number of Echoes: 1
TR: 3500.0
TI: 180
Echo Train Length: 8
Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 16.0
Slice Thickness: 3.0
Slice Spacing: 1.5
Table Delta: 0.00

ACQ TIMING

Freq: 320
Phase: 224
Freq DIR: Unswap
NEX: 0.50
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Optimized
Excitation Mode: Selective
Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

SA T2 FLEX

SA T2 FLEX

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	EDR, TRF, Fast, ARC, Flex
IDEAL:	3
Phase:	2.00

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV40:	None
User CV41:	5.00
User CV Mask2:	1792

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1.0;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	80.0
Number of Echoes:	1
TR:	4000.0

Echo Train Length:	20
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

LA T2 FLEX

LA T2 FLEX

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, EDR, TRF, Fast, ARC, Flex
IDEAL:	3
Phase:	2.00

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV40:	None
User CV41:	5.00
User CV Mask2:	1792

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1.0;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	20

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

Flow Comp Direction: Freq

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

SAG T1 FSE

SAG T1 FSE

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV12: 1.00
User CV15: None
User CV16: None
User CV17: None
User CV18: None
User CV21: 1.00
User CV22: 1.00
User CV30: 1.00
User CV Mask2: 0

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 111
TE: 18.0
Number of Echoes: 1
TR: 550.0
Echo Train Length: 3
Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: Unswap

NEX: 0.50

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Optimized

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

SAT1 FSE

SAT1 FSE

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV12: 1.00
User CV15: None
User CV16: None
User CV17: None
User CV18: None
User CV21: 1.00
User CV22: 1.00
User CV30: 1.00
User CV40: None
User CV41: 5.00
User CV Mask2: 0

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 111
TE: 18.0
Number of Echoes: 1
TR: 650.0

Echo Train Length:	3
Receiver Bandwidth:	31.25

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	0.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

LA T1 FSE

LA T1 FSE

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV12: 1.00
User CV15: None
User CV16: None
User CV17: None
User CV18: None
User CV21: 1.00
User CV22: 1.00
User CV30: 1.00
User CV40: None
User CV41: 5.00
User CV Mask2: 0

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 111
TE: 18.0
Number of Echoes: 1
TR: 550.0

Echo Train Length:	3
Receiver Bandwidth:	31.25

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	0.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

--Tumor ONLY--

--Tumor ONLY--

PATIENT POSITION

Plane:	3-PLANE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	Gradient Echo
Imaging Options:	Seq, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing: None

USER CVS

User CV Mask2: 0

DIFFUSION

Recon All Images: On

GATING/TRIGGER

Auto Trigger Type: Off

Pause After Navigator Prescan: 0

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 28.0

Slice Thickness: 5.0

Slice Spacing: 2.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 192

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Foot
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pre SA T1 cl fat

pre SA T1 cl fat

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV12:	1.00
User CV15:	None
User CV16:	None
User CV17:	1.00
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	18.0
Number of Echoes:	1
TR:	775.0

Echo Train Length:	4
Receiver Bandwidth:	31.25

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	0.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Optimized
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

--contrast--

--contrast--

PATIENT POSITION

Plane:	3-PLANE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	Gradient Echo
Imaging Options:	Seq, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing: None

USER CVS

User CV Mask2: 0

DIFFUSION

Recon All Images: On

GATING/TRIGGER

Auto Trigger Type: Off

Pause After Navigator Prescan: 0

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 28.0

Slice Thickness: 5.0

Slice Spacing: 2.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 192

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Foot
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+C Sag T1 cl fat

+C Sag T1 cl fat

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV12:	1.00
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	18.0
Number of Echoes:	1
TR:	700.0
Echo Train Length:	4

Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Optimized

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

+C SA T1 cl fat

+C SA T1 cl fat

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	TRF, Fast

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV12:	1.00
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	18.0
Number of Echoes:	1
TR:	775.0
Echo Train Length:	4

Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Optimized

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

+C LA T1 FLEX

+C LA T1 FLEX

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	EDR, TRF, Fast, ARC, Flex
IDEAL:	3
Phase:	2.00

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV40:	None
User CV41:	5.00
User CV Mask2:	1792

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1.0;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	20.0
Number of Echoes:	1
TR:	600.0

Echo Train Length:	4
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	Swap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

--old--

--old--

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	Spin Echo
Imaging Options:	Seq, EDR, TRF, Fast, SS

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: None

User CV16: None

User CV39: 1.00

User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1

Synthetic b-value: 1000.0;

Recon All Images: On

SCAN TIMING

Number of Echoes: 1

Receiver Bandwidth: 83.33

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 24.0

Slice Thickness: 7.0

Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	128
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Ankle joint
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SA T2 IDEAL

SA T2 IDEAL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	EDR, TRF, Fast, IDEAL
IDEAL:	3

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV40:	None
User CV41:	5.00
User CV Mask2:	256

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	80.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	20

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: Unswap

NEX: 2.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

LA T2 IDEAL

LA T2 IDEAL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, EDR, TRF, Fast, IDEAL
IDEAL:	3

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV40:	None
User CV41:	5.00
User CV Mask2:	256

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	20

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

Flow Comp Direction: Freq

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

+C LA T1 IDEAL

+C LA T1 IDEAL

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	RFT8chFootAnkle

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	EDR, TRF, Fast, IDEAL
IDEAL:	3

Image Recon

Intensity Filter:	None
Intensity Correction:	PURE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: Swap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Optimized

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot