

1 OSTEO Forefoot-Toe Ulcer SIGNA Artist

Technical Instructions

Midline 3pl Loc

strtSag STIR

SA T2 FLEX

LA T2 FLEX

strt Sag T1 FSE

SA T1 FSE

LA T1 FSE

--Tumor ONLY--

Pre SA T1 clfat

--contrast--

+C strt Sag T1 clfat

+C SA T1 clfat

+C LA T1 FLEX

--old --

+C LA T1 IDEALarc

SA T2 IDEAL arc

LA T2 IDEAL arc

opt:+C LONG AX T1 clfat

opt:SHORT AX T2 clfatsat

Midline 3pl Loc

Midline 3pl Loc

PATIENT POSITION

| | |
|---------------------|-----------------|
| Coil Configuration: | RFT8chFootAnkle |
| Plane: | 3-PLANE |

IMAGING PARAMETERS

| | |
|------------------|------------------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | Spin Echo |
| Imaging Options: | Seq, EDR, TRF, Fast, SS, ARC |
| Phase: | 2.00 |

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 |
|--------------|------|

Tag Type: None

USER CVS

User CV1: 1.00
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

TE: Minimum
Number of Echoes: 1
TR: Minimum
Receiver Bandwidth: 83.33

MULTI-PHASE

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

SCAN RANGE

FOV: 28.0
Slice Thickness: 5.0
Slice Spacing: 8.0

Table Delta: 0.00

ACQ TIMING

Freq: 256
Phase: 224
Freq DIR: Unswap
of Acq. Before Pause: 0
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Single
Excitation Mode: Selective

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On
Auto Subtract: 0

OTHERS

Anatomical Region: Ankle joint

strtSag STIR

strtSag STIR

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|------------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | Seq, Fast, ZIP512, IrP |

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 |
|--------------|------|

Tag Type: None

USER CVS

User CV7: None

User CV9: None

User CV15: None

User CV18: None

User CV21: None

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: 180

TE: 44.0

Number of Echoes: 1

TR: 5000.0

TI: 160

Echo Train Length: 8

Receiver Bandwidth: 19.23

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: | 192 |
| Freq DIR: | Unswap |
| NEX: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | Off |
| RF Drive Mode: | Single |
| 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, ZIP512, ARC, Flex |
| IDEAL: | 3 |
| Phase: | 2.00 |

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 |
| Tag Type: | None |

USER CVS

| | |
|----------------|------|
| User CV6: | None |
| User CV8: | None |
| User CV14: | None |
| User CV15: | None |
| User CV16: | None |
| User CV18: | None |
| User CV21: | 1.00 |
| User CV30: | 1.00 |
| User CV39: | 1.00 |
| User CV Mask2: | 256 |

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: | 160 |
| TE: | 68.0 |
| Number of Echoes: | 1 |
| TR: | 3000.0 |
| Echo Train Length: | 7 |

Receiver Bandwidth: 41.67

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: 256
Phase: 224
Freq DIR: Unswap
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Single
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: | EDR, TRF, Fast, ZIP512, ARC, Flex |
| IDEAL: | 3 |
| Phase: | 2.00 |

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

Tag Type: None

USER CVS

User CV6: None

User CV8: None

User CV14: None

User CV15: None

User CV16: None

User CV18: None

User CV21: 1.00

User CV30: 1.00

User CV39: 1.00

User CV Mask2: 256

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: 160

TE: 68.0

Number of Echoes: 1

TR: 3000.0

Echo Train Length: 7

Receiver Bandwidth: 41.67

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: 256
Phase: 224
Freq DIR: Unswap
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Single
Excitation Mode: Selective
Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

strt Sag T1 FSE

strt Sag T1 FSE

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

Tag Type: None

USER CVS

User CV6: None

User CV7: None

User CV8: None

User CV9: None

User CV15: None

User CV21: None

TR Min: -

TR Max: -

DIFFUSION

Multi b-values: 1000.0;

Multi NEX Values: 1;

Recon All Images: On

SCAN TIMING

TE: 20.0

Number of Echoes: 1

TR: 600.0

Echo Train Length: 4

Receiver Bandwidth: 25.00

Flip Angle: 160

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|----------------|--------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Unswap |
| NEX: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | Off |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

SA T1 FSE

SA T1 FSE

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

Tag Type: None

USER CVS

User CV6: None

User CV7: None

User CV8: None

User CV9: None

User CV15: None

User CV21: None

TR Min: -

TR Max: -

DIFFUSION

Recon All Images: On

SCAN TIMING

TE: 20.0

Number of Echoes: 1

TR: 600.0

Echo Train Length: 4

Receiver Bandwidth: 25.00

Flip Angle: 160

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 224

Freq DIR: Unswap

NEX: 2.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: Off

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

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

Tag Type: None

USER CVS

User CV6: None

User CV7: None

User CV8: None

User CV9: None

User CV15: None

User CV21: None

TR Min: -

TR Max: -

DIFFUSION

Recon All Images: On

SCAN TIMING

TE: 20.0

Number of Echoes: 1

TR: 600.0

Echo Train Length: 4

Receiver Bandwidth: 25.00

Flip Angle: 160

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Auto Shim: Auto

Phase Correct: Off

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 |
|--------------|------|

Tag Type: 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: 30.0

Slice Thickness: 5.0

Slice Spacing: 0.0

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: | Single |
| Excitation Mode: | Selective |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

Pre SA T1 clfat

Pre SA T1 clfat

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

Tag Type: None
Fat/Water Saturation: Fat Classic

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV15: None
User CV19: 1.00
User CV21: None
User CV Mask2: 0

DIFFUSION

Recon All Images: On

SCAN TIMING

Flip Angle: 160
TE: 20.0
Number of Echoes: 1
TR: 575.0
Echo Train Length: 4
Receiver Bandwidth: 20.83

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|------------------|-----------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Unswap |
| NEX: | 1.00 |
| Phase FOV: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | On |
| RF Drive Mode: | Single |
| Excitation Mode: | Selective |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

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 |
|--------------|------|

Tag Type: 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: 30.0

Slice Thickness: 5.0

Slice Spacing: 0.0

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: | Single |
| Excitation Mode: | Selective |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

+C strt Sag T1 clfat

+C strt Sag T1 clfat

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

| | |
|-----------------------|-------------|
| Tag Type: | None |
| Fat/Water Saturation: | Fat Classic |

USER CVS

| | |
|------------|------|
| User CV6: | None |
| User CV7: | None |
| User CV8: | None |
| User CV9: | None |
| User CV15: | None |
| User CV19: | 1.00 |
| User CV21: | None |
| TR Min: | - |
| TR Max: | - |

DIFFUSION

| | |
|-------------------|----|
| Recon All Images: | On |
|-------------------|----|

SCAN TIMING

| | |
|---------------------|-------|
| TE: | 20.0 |
| Number of Echoes: | 1 |
| TR: | 575.0 |
| Echo Train Length: | 4 |
| Receiver Bandwidth: | 20.83 |
| Flip Angle: | 160 |

GATING/TRIGGER

| | |
|--------------------|-----|
| Auto Trigger Type: | Off |
|--------------------|-----|

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|----------------|--------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Unswap |
| NEX: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | On |

CONTRAST

| | |
|------------------|-----|
| Contrast Yes/No: | Yes |
|------------------|-----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

+C SA T1 clfat

+C SA T1 clfat

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

| | |
|-----------------------|-------------|
| Tag Type: | None |
| Fat/Water Saturation: | Fat Classic |

USER CVS

| | |
|------------|------|
| User CV6: | None |
| User CV7: | None |
| User CV8: | None |
| User CV9: | None |
| User CV15: | None |
| User CV19: | 1.00 |
| User CV21: | None |
| TR Min: | - |
| TR Max: | - |

DIFFUSION

| | |
|-------------------|----|
| Recon All Images: | On |
|-------------------|----|

SCAN TIMING

| | |
|---------------------|-------|
| TE: | 20.0 |
| Number of Echoes: | 1 |
| TR: | 575.0 |
| Echo Train Length: | 4 |
| Receiver Bandwidth: | 20.83 |
| Flip Angle: | 160 |

GATING/TRIGGER

| | |
|--------------------|-----|
| Auto Trigger Type: | Off |
|--------------------|-----|

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|----------------|--------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Unswap |
| NEX: | 2.00 |
| Phase FOV: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | On |

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, ZIP512, ARC, Flex |
| IDEAL: | 3 |
| Phase: | 2.00 |

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 |
| Tag Type: | None |

USER CVS

| | |
|----------------|------|
| User CV6: | None |
| User CV8: | None |
| User CV14: | None |
| User CV15: | None |
| User CV16: | None |
| User CV18: | None |
| User CV21: | None |
| User CV30: | 1.00 |
| User CV39: | 1.00 |
| User CV Mask2: | 256 |

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: | 160 |
| TE: | 20.0 |
| Number of Echoes: | 1 |
| TR: | 600.0 |
| Echo Train Length: | 4 |

Receiver Bandwidth: 41.67

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: 256
Phase: 224
Freq DIR: Unswap
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Single
Excitation Mode: Selective
Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

--old --

--old --

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 |
|--------------|------|

Tag Type: 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: 30.0

Slice Thickness: 5.0

Slice Spacing: 0.0

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: | Single |
| Excitation Mode: | Selective |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

+C LA T1 IDEALarc

+C LA T1 IDEALarc

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|------------------------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | EDR, TRF, Fast, ZIP512, IDEAL, ARC |
| IDEAL: | 3 |
| Phase: | 2.00 |

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 |
| 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: | None |
| User CV39: | 1.00 |
| User CV Mask2: | 256 |

DIFFUSION

| | |
|-------------------|---------|
| Multi b-values: | 1000.0; |
| Multi NEX Values: | 1; |
| Recon All Images: | On |

SCAN TIMING

| | |
|---------------------|-------|
| Flip Angle: | 160 |
| TE: | 20.0 |
| 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

SCAN RANGE

FOV: 16.0

Slice Thickness: 3.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Single

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 IDEAL arc

SA T2 IDEAL arc

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|------------------------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | EDR, TRF, Fast, ZIP512, IDEAL, ARC |
| IDEAL: | 3 |
| Phase: | 2.00 |

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 |
| 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 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: | 160 |
| TE: | 68.0 |
| Number of Echoes: | 1 |
| TR: | 3000.0 |
| Echo Train Length: | 7 |
| 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: 256

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Single

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 arc

LA T2 IDEAL arc

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|------------------------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | EDR, TRF, Fast, ZIP512, IDEAL, ARC |
| IDEAL: | 3 |
| Phase: | 2.00 |

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 |
| Tag Type: | None |

USER CVS

| | |
|----------------|------|
| User CV6: | None |
| User CV8: | None |
| User CV9: | None |
| User CV15: | None |
| User CV16: | None |
| User CV17: | 1.00 |
| User CV18: | None |
| User CV21: | 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: | 160 |
| TE: | 68.0 |
| Number of Echoes: | 1 |
| TR: | 3000.0 |
| Echo Train Length: | 7 |

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: 256

Phase: 224

Freq DIR: Unswap

NEX: 0.50

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Single

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Foot

opt:+C LONG AX T1 clfat

opt:+C LONG AX T1 clfat

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

| | |
|-----------------------|-------------|
| Tag Type: | None |
| Fat/Water Saturation: | Fat Classic |

USER CVS

| | |
|------------|------|
| User CV6: | None |
| User CV7: | None |
| User CV8: | None |
| User CV9: | None |
| User CV15: | None |
| User CV19: | 1.00 |
| User CV21: | None |
| TR Min: | - |
| TR Max: | - |

DIFFUSION

| | |
|-------------------|----|
| Recon All Images: | On |
|-------------------|----|

SCAN TIMING

| | |
|---------------------|-------|
| TE: | 20.0 |
| Number of Echoes: | 1 |
| TR: | 575.0 |
| Echo Train Length: | 4 |
| Receiver Bandwidth: | 20.83 |
| Flip Angle: | 160 |

GATING/TRIGGER

| | |
|--------------------|-----|
| Auto Trigger Type: | Off |
|--------------------|-----|

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|----------------|------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Swap |
| NEX: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | On |

CONTRAST

| | |
|------------------|-----|
| Contrast Yes/No: | Yes |
|------------------|-----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|

opt:SHORT AX T2 clfatsat

opt:SHORT AX T2 clfatsat

PATIENT POSITION

| | |
|---------------------|-----------------|
| Plane: | OBLIQUE |
| Coil Configuration: | RFT8chFootAnkle |

IMAGING PARAMETERS

| | |
|------------------|-------------------|
| Imaging Mode: | 2D |
| Pulse Sequence: | FSE-XL |
| Imaging Options: | TRF, Fast, ZIP512 |

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 |
|--------------|------|

| | |
|-----------------------|-------------|
| Tag Type: | None |
| Fat/Water Saturation: | Fat Classic |

USER CVS

| | |
|------------|------|
| User CV6: | None |
| User CV7: | None |
| User CV8: | None |
| User CV9: | None |
| User CV15: | None |
| User CV19: | 1.00 |
| User CV21: | None |
| TR Min: | - |
| TR Max: | - |

DIFFUSION

| | |
|-------------------|----|
| Recon All Images: | On |
|-------------------|----|

SCAN TIMING

| | |
|---------------------|--------|
| TE: | 80.0 |
| Number of Echoes: | 1 |
| TR: | 4000.0 |
| Echo Train Length: | 11 |
| Receiver Bandwidth: | 20.83 |
| Flip Angle: | 160 |

GATING/TRIGGER

| | |
|--------------------|-----|
| Auto Trigger Type: | Off |
|--------------------|-----|

MULTI-PHASE

| | |
|------------------|---|
| Seperate Series: | 0 |
| Mask Phase: | 0 |
| Mask Pause: | 0 |

SCAN RANGE

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

ACQ TIMING

| | |
|----------------|--------|
| Freq: | 256 |
| Phase: | 224 |
| Freq DIR: | Unswap |
| NEX: | 1.00 |
| Auto Shim: | Auto |
| Phase Correct: | On |

CONTRAST

| | |
|------------------|----|
| Contrast Yes/No: | No |
|------------------|----|

TRICKS

| | |
|----------------|----|
| Pause On/Off: | On |
| Auto Subtract: | 0 |

OTHERS

| | |
|--------------------|------|
| Anatomical Region: | Foot |
|--------------------|------|