

1 Ankle OCD-Loose Body-Ligament Tear SIGNA Architect

Technical Instructions

3-Plane Loc

Mort Sag T1

Mort Sag T2 Fat

Str Ax PD

Str Ax T2 Fat

Mort Cor T2 Fat

Mort Cor PD

--Synovitis--

Pre Ax T1 Fat

+c Ax T1 Fat

+c Mort Sag T1 Fat

+c Mort Cor T1 Fat

3-Plane Loc

Details tab

Protocol notes

3-Plane Loc

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Recon DL Strength:	Off
Intensity Correction:	NONE
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	20.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.5 X 0.8 X 5.0
Freq:	384
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective

SCAN TIMING

TE:	85.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Ankle joint
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USER CVS

User CV1:	1.00
User CV2:	240.00

User CV13:

1.00

Non-Viewable Parameters

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Mort Sag T1

Details tab

Protocol notes

Mort Sag T1

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.75

ACQ TIMING

Acq Voxel Size:	0.4 X 0.4 X 3.0
Freq:	384
Phase:	384
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Foot
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USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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Mort Sag T2 Fat

Details tab

Protocol notes

Mort Sag T2 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.5 X 3.0
Freq: 320
Phase: 256
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 80.0
Number of Echoes: 1
TR: 3000.0
Echo Train Length: 20
Receiver Bandwidth: 50.00

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

SAT

Fat/Water Saturation: Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	0.85
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	3000.0
TR Max:	10000.0

Non-Viewable Parameters

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Str Ax PD

Details tab

Protocol notes

Str Ax PD

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.75

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.5 X 0.5 X 3.0
Freq: 320
Phase: 320
Freq DIR: R/L
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCAN TIMING

Flip Angle: 111.0
TE: 20.0
Number of Echoes: 1
TR: 1800.0
Echo Train Length: 6
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	1800.0
TR Max:	3200.0

Non-Viewable Parameters

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Str Ax T2 Fat

Details tab

Protocol notes

Str Ax T2 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.5 X 0.6 X 3.0
Freq: 320
Phase: 256
Freq DIR: R/L
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCAN TIMING

Flip Angle: 111.0
TE: 80.0
Number of Echoes: 1
TR: 3000.0
Echo Train Length: 22
Receiver Bandwidth: 50.00

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

SAT

Fat/Water Saturation: Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	3000.0
TR Max:	10000.0

Non-Viewable Parameters

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Mort Cor T2 Fat

Details tab

Protocol notes

Mort Cor T2 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.5 X 3.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCAN TIMING

Flip Angle: 111.0
TE: 80.0
Number of Echoes: 1
TR: 3000.0
Echo Train Length: 22
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

SAT

Fat/Water Saturation: Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	3000.0
TR Max:	8500.0

Non-Viewable Parameters

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Mort Cor PD

Details tab

Protocol notes

Mort Cor PD

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	NONE
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.3 X 0.3 X 2.0
Freq: 288
Phase: 288
Freq DIR: S/I
NEX: 1.50
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCAN TIMING

Flip Angle: 111.0
TE: 47.0
Number of Echoes: 1
TR: 1500.0
Echo Train Length: 16
Receiver Bandwidth: 41.67

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

USER CVS

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
TR Min:	1500.0
TR Max:	10000.0

Non-Viewable Parameters

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--Synovitis--

Details tab

Protocol notes

--Synovitis--

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

SCAN RANGE

FOV:	28.0
Slice Thickness:	5.0
Slice Spacing:	0.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.7 X 1.1 X 5.0
Freq:	384

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

SCAN TIMING

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Ankle joint
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00

User CV15:

None

User CV39:

1.00

Non-Viewable Parameters

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Pre Ax T1 Fat

Details tab

Protocol notes

Pre Ax T1 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.4 X 3.0
Freq: 384
Phase: 384
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 20.0
Number of Echoes: 1
TR: 500.0
Echo Train Length: 4
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Foot

SAT

Fat/Water Saturation:

Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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+c Ax T1 Fat

Details tab

Protocol notes

+c Ax T1 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.75

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	16.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.4 X 3.0
Freq: 384
Phase: 384
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 20.0
Number of Echoes: 1
TR: 500.0
Echo Train Length: 4
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Foot

SAT

Fat/Water Saturation: Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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+c Mort Sag T1 Fat

Details tab

Protocol notes

+c Mort Sag T1 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.75

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.75

ACQ TIMING

Acq Voxel Size: 0.4 X 0.4 X 3.0
Freq: 384
Phase: 384
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 20.0
Number of Echoes: 1
TR: 500.0
Echo Train Length: 4
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Foot

SAT

Fat/Water Saturation:

Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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+c Mort Cor T1 Fat

Details tab

Protocol notes

+c Mort Cor T1 Fat

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.75

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap: 1.75

ACQ TIMING

Acq Voxel Size: 0.4 X 0.4 X 3.0
Freq: 384
Phase: 384
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 20.0
Number of Echoes: 1
TR: 500.0
Echo Train Length: 4
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Foot

SAT

Fat/Water Saturation: Fat Classic

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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