

1 ANKLE OCD-Loose Body-Ligament SIGNA Artist

Technical Instructions

Midline 3PI Loc

Mort Sag T1

Mort Sag T2 Fat

Str Ax PD

Str Ax T2 Fat

Mort Cor T2 Fat

Mort Cor PD

***Mort Sag Cube PD**

MultiPlanar Reconstruction (MPR)

--Synovitis opt contrast--

Pre Ax T1 Fat

+c Mort Sag T1 Fat

+c Ax T1 Fat

Midline 3PI Loc

Details tab

Protocol notes

Midline 3PI Loc

PATIENT POSITION

Coil Configuration: GE20chFlexM

Plane: 3-PLANE

IMAGING PARAMETERS

Imaging Mode: 2D

Imaging Options: Seq, EDR, TRF, 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: 30.0

Slice Thickness: 7.00

Slice Spacing: 10.0

Overlap Locations: 0

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size:	1.0 X 1.3 X 7.0
Freq:	288
Phase:	240
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

SCAN TIMING

TE:	80.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Ankle joint

USER CVS

User CV1:	1.00
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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:	High
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:	27

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
of Acq. Before Pause: 0
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 160.0
TE: 20.0
Number of Echoes: 1
TR: 522.0
Echo Train Length: 4
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region:

Foot

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
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:	High
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:	21

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: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 160.0
TE: 80.0
Number of Echoes: 1
TR: 4046.0
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 CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	0.85
User CV21:	None
User CV26:	1.00
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:	High
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:	22

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.4 X 3.0
Freq: 320
Phase: 320
Freq DIR: R/L
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCAN TIMING

Flip Angle: 160.0
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
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:	High
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:	22

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 0.4 X 0.5 X 3.0
Freq: 320
Phase: 288
Freq DIR: R/L
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCAN TIMING

Flip Angle: 160.0
TE: 80.0
Number of Echoes: 1
TR: 4825.0
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
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:	High
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:	22

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: 0.80
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCAN TIMING

Flip Angle: 160.0
TE: 80.0
Number of Echoes: 1
TR: 5628.0
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
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:	GE21chFlexL
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:	High
Intensity Correction:	SCENIC
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:	21

No Phase Wrap: 1.00

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: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCAN TIMING

Flip Angle: 160.0
TE: 47.0
Number of Echoes: 1
TR: 4536.0
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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*Mort Sag Cube PD

Details tab

Protocol notes

*Mort Sag Cube PD

PATIENT POSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGING PARAMETERS

Imaging Mode: 3D

Imaging Options: EDR, Fast, ZIP512, FR, ARC

Pulse Sequence: Cube

ARC Phase: 2.00

ARC Slice: 1.50

Image Recon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCAN RANGE

FOV: 16.0

Slice Thickness: 0.70

Slices per Slab: 120

Overlap Locations: 0

Number of Slices: 1

No Slab Wrap:	1.01
No Phase Wrap:	1.60
Slice Resolution(%):	100.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.6 X 0.7
Freq:	252
Phase:	252
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	On
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Non-Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

TE:	45.0
Number of Echoes:	1
TR:	1137.0
Echo Train Length:	60
Receiver Bandwidth:	83.33

TRACKER

Tracker Length:	200.0
Tracker Thickness:	20.0

CONTRAST

Contrast Yes/No: No

OTHERS

3D Geometry Correction: Off

Anatomical Region: Ankle joint

USER CVS

User CV12: 30.00

User CV22: 1.00

User CV32: None

User CV34: 100.00

Non-Viewable Parameters

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MultiPlanar Reconstruction (MPR)

Details tab

Protocol notes

MultiPlanar Reconstruction (MPR)

*Mort Sag Cube PD

Axial

Field of View:	16.0
Spacing:	1.0
Thickness:	1.0
Save Direction:	S -> I
Render Mode:	Average
Series Description:	Ax PD Reformat

Coronal

Field of View:	16.0
Spacing:	1.0
Thickness:	1.0
Save Direction:	P -> A
Render Mode:	Average
Series Description:	Cor PD Reformat

Use Scan Fov:	Off
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Non-Viewable Parameters

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--Synovitis opt contrast--

Details tab

Protocol notes

--Synovitis opt contrast--

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

SCAN RANGE

FOV:	30.0
Slice Thickness:	5.0
Slice Spacing:	0.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.2 X 1.6 X 5.0
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

OTHERS

Anatomical Region: Ankle joint

GATING/TRIGGER

Auto Trigger Type: Off
Pause After Navigator Prescan: 0

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:	High
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:	27

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
of Acq. Before Pause: 0
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 160.0
TE: 20.0
Number of Echoes: 1
TR: 614.0
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
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: 2.00

Image Recon

Recon DL Strength: High

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: 27

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
of Acq. Before Pause: 0
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 160.0
TE: 20.0
Number of Echoes: 1
TR: 614.0
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
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:	2.00

Image Recon

Recon DL Strength:	High
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:	27

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
of Acq. Before Pause: 0
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 160.0
TE: 20.0
Number of Echoes: 1
TR: 614.0
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
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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