

KNEE Osteo-Abscess SIGNA Artist

Technical Instructions

Lt 3pl Loc

Rt 3pl Loc

COR T2 Fat DL

SAG T2 Fat DL

AX T2 Fat DL

COR T1 DL

SAG T1 DL

AX T1 DL

--contrast

+C AX T1 Fat DL

+C COR T1 Fat DL

+C SAG T1 Fat DL

Lt 3pl Loc

Detailstab

Protocolnotes

Lt 3pl Loc

PATIENTPOSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	28.0
Slice Thickness:	5.00
Slice Spacing:	8.0
Overlap Locations:	0
No Phase Wrap:	2.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.3 X 5.0
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:	Quadrature
Excitation Mode:	Selective

SCANTIMING

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

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Ankle joint
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USERCVS

User CV1:	1.00
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Rt 3pl Loc

Detailstab

Protocolnotes

Rt 3pl Loc

PATIENTPOSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

Intensity Correction:	NONE
Intensity Filter:	None
Save Original:	Off

SCANRANGE

FOV:	28.0
Slice Thickness:	5.0
Slice Spacing:	8.0
No Phase Wrap:	2.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.3 X 5.0
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:	Quadrature
Excitation Mode:	Selective

SCANTIMING

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

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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USERCVS

User CV1:	1.00
User CV16:	None
User CV39:	1.00

Non-Viewable Parameters

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COR T2 Fat DL

Detailstab

Protocolnotes

COR T2 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	14
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6: None

User CV9: None

User CV13: None

User CV15: None

User CV16: None

User CV18: None

User CV19: 1.00

User CV21: None

Non-Viewable Parameters

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SAG T2 Fat DL

Detailstab

Protocolnotes

SAG T2 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	14
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6: None

User CV9: None

User CV13: None

User CV15: None

User CV16: None

User CV18: None

User CV19: 1.00

User CV21: None

Non-Viewable Parameters

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AX T2 Fat DL

Detailstab

Protocolnotes

AX T2 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.5

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	14
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6:	None
User CV9:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None

Non-Viewable Parameters

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COR T1 DL

Detailstab

Protocolnotes

COR T1 DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

USERCVS

User CV6: None

User CV9: None

User CV15: None

User CV16: None

User CV18: None

User CV21: None

Non-Viewable Parameters

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SAG T1 DL

Detailstab

Protocolnotes

SAG T1 DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle
Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 16.0
Slice Thickness: 5.00
Slice Spacing: 1.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

USERCVS

User CV6: None

User CV9: None

User CV15: None

User CV16: None

User CV18: None

User CV21: None

Non-Viewable Parameters

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AX T1 DL

Detailstab

Protocolnotes

AX T1 DL

PATIENTPOSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	16.0
Slice Thickness:	5.00
Slice Spacing:	1.5
Overlap Locations:	0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	550.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

USERCVS

User CV6: None

User CV9: None

User CV15: None

User CV16: None

User CV18: None

User CV21: None

Non-Viewable Parameters

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--contrast

Detailstab

Protocolnotes

--contrast

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: Seq, Fast

Pulse Sequence: Gradient Echo

ImageRecon

Intensity Correction: NONE

Intensity Filter: None

SCANRANGE

FOV: 24.0

Slice Thickness: 7.0

Slice Spacing: 0.0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size: 0.9 X 1.9 X 7.0

Freq: 256

Phase: 128
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: Knee

GATING/TRIGGER

Auto Trigger Type: Off
Pause After Navigator Prescan: 0

Non-Viewable Parameters

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+C AX T1 Fat DL

Detailstab

Protocolnotes

+C AX T1 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: TRF, Fast, ZIP512

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.5

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6: None

User CV9: None

User CV13: None

User CV15: None

User CV16: None

User CV18: None

User CV19: 1.00

User CV21: None

Non-Viewable Parameters

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+C COR T1 Fat DL

Detailstab

Protocolnotes

+C COR T1 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6: None
User CV9: None
User CV13: None
User CV15: None
User CV16: None
User CV18: None
User CV19: 1.00
User CV21: None

Non-Viewable Parameters

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+C SAG T1 Fat DL

Detailstab

Protocolnotes

+C SAG T1 Fat DL

PATIENTPOSITION

Coil Configuration: RFT8chFootAnkle

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 16.0

Slice Thickness: 5.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.6 X 0.6 X 5.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region: Knee

SAT

Fat/Water Saturation: Fat

USERCVS

User CV6: None

User CV9: None

User CV13: None

User CV15: None

User CV16: None

User CV18: None

User CV19: 1.00

User CV21: None

Non-Viewable Parameters

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