

KNEE Osteo-Abscess (Adult) 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

Details tab

Protocol notes

Lt 3pl Loc

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

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:

28.0

Slice Thickness:

5.00

Slice Spacing:

8.0

Overlap Locations:

0

No Phase Wrap:

2.00

ACQ TIMING

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

SCAN TIMING

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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USER CVS

User CV1:	1.00
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Rt 3pl Loc

Details tab

Protocol notes

Rt 3pl Loc

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

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

Intensity Correction:

NONE

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

28.0

Slice Thickness:

5.0

Slice Spacing:

8.0

No Phase Wrap:

2.00

ACQ TIMING

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

SCAN TIMING

TE: Minimum

Number of Echoes: 1

TR: Minimum

Receiver Bandwidth: 83.33

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Ankle joint

GATING/TRIGGER

Auto Trigger Type: Off

USER CVS

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

Non-Viewable Parameters

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COR T2 Fat DL

Details tab

Protocol notes

COR T2 Fat DL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

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

ACQ TIMING

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

SCAN TIMING

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
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SAT

Fat/Water Saturation:	Fat
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USER CVS

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	ñ
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SAG T2 Fat DL

Details tab

Protocol notes

SAG T2 Fat DL

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

NONE

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

16.0

Slice Thickness:

5.00

Slice Spacing:

1.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

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

SCAN TIMING

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
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SAT

Fat/Water Saturation:	Fat
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USER CVS

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

Details tab

Protocol notes

AX T2 Fat DL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

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

ACQ TIMING

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

SCAN TIMING

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

USER CVS

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

Details tab

Protocol notes

COR T1 DL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

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

ACQ TIMING

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

SCAN TIMING

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

USER CVS

User CV6: None
User CV9: None
User CV15: None
User CV16: None
User CV18: None
User CV21: None

Non-Viewable Parameters ñ

SAG T1 DL

Details tab

Protocol notes

SAG T1 DL

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

SCENIC

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

16.0

Slice Thickness:

5.00

Slice Spacing:

1.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

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

SCAN TIMING

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

USER CVS

User CV6: None
User CV9: None
User CV15: None
User CV16: None
User CV18: None
User CV21: None

Non-Viewable Parameters ñ

AX T1 DL

Details tab

Protocol notes

AX T1 DL

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

SCENIC

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

16.0

Slice Thickness:

5.00

Slice Spacing:

1.5

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

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

SCAN TIMING

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

USER CVS

User CV6: None
User CV9: None
User CV15: None
User CV16: None
User CV18: None
User CV21: None

Non-Viewable Parameters ñ

--contrast

Details tab

Protocol notes

--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:

24.0

Slice Thickness:

7.0

Slice Spacing:

0.0

No Phase Wrap:

1.00

ACQ TIMING

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
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OTHERS

Anatomical Region:	Knee
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GATING/TRIGGER

Auto Trigger Type:	Off
Pause After Navigator Prescan:	0

Non-Viewable Parameters	ñ
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+C AX T1 Fat DL

Details tab

Protocol notes

+C AX T1 Fat DL

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

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

ACQ TIMING

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

SCAN TIMING

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
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SAT

Fat/Water Saturation:	Fat
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USER CVS

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

Details tab

Protocol notes

+C COR T1 Fat DL

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

NONE

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

16.0

Slice Thickness:

5.00

Slice Spacing:

1.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

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

SCAN TIMING

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

USER CVS

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

Details tab

Protocol notes

+C SAG T1 Fat DL

PATIENT POSITION

Coil Configuration:

RFT8chFootAnkle

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

NONE

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

16.0

Slice Thickness:

5.00

Slice Spacing:

1.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

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

SCAN TIMING

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
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SAT

Fat/Water Saturation:	Fat
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USER CVS

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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