

Thigh/Calf w/ or Osteo Abscess Single (Adult) SIGNA Architect

Technical Instructions

3-Plane Loc

Cor STIR DL

Sag STIR DL

Ax T2 FAT DL

Ax T1 DL

Cor T1 DL

Sag T1 DL

--contrast--

+C Ax T1 DL FAT

+C Sag T1 DL FAT

+C Cor T1 FAT

3-Plane Loc

Details tab

Protocol notes

3-Plane Loc

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

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:

40.0

Slice Thickness:

8.00

Slice Spacing:

5.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.6 X 8.0
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:	80.2
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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USER CVS

User CV1:	1.00
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Cor STIR DL

[Details tab](#)[Protocol notes](#)

Cor STIR DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, Seq, EDR, TRF, Fast, ARC, IrP
Pulse Sequence:	FSE-XL
PSD Name:	frfse-xl
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	44.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 5.0
Freq:	320
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	40.0
Number of Echoes:	1
TR:	3400.0
TI:	180
Echo Train Length:	8
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Leg

USER CVS

User CV15: None
User CV18: None
User CV21: None
User CV26: 1.00
User CV28: None
User CV41: None

Non-Viewable Parameters

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Sag STIR DL

Details tab

Protocol notes

Sag STIR DL

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

FC, Seq, EDR, TRF, Fast, ARC, IrP

Pulse Sequence:

FSE-XL

PSD Name:

frfse-xl

ARC Phase:

2.00

Image Recon

Recon DL Strength:

Medium

Intensity Correction:

SCENIC

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

44.0

Slice Thickness:

5.00

Slice Spacing:

2.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.4 X 2.3 X 5.0
Freq:	320
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	40.0
Number of Echoes:	1
TR:	3400.0
TI:	180
Echo Train Length:	8
Receiver Bandwidth:	41.67

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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USER CVS

User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV28:	None
User CV41:	None

Non-Viewable Parameters

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Ax T2 FAT DL

Details tab

Protocol notes

Ax T2 FAT DL

PATIENT POSITION

Coil Configuration:GE40chGEMPA, GE16chTDIAA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:FC, TRF, Fast, FR

Pulse Sequence:FSE-XL

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:20.0

Slice Thickness:5.00

Slice Spacing:1.0

Overlap Locations:0

Number of Slices:32

No Phase Wrap:1.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.8 X 5.0
Freq:	320
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Slice
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	4500.0
Echo Train Length:	19
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Leg

SAT

SAT Location S:	Default
SAT Location I:	Default
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00
User CV41:	None

Ax T1 DL

Details tab

Protocol notes

Ax T1 DL

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

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:

20.0

Slice Thickness:

5.00

Slice Spacing:

1.0

Overlap Locations:

0

Number of Slices:

32

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.8 X 5.0
Freq:	320
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	20.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	5
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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SAT

SAT Location S:	Default
SAT Location I:	Default

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV30:	1.00
User CV41:	None

Non-Viewable Parameters	ñ
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Cor T1 DL

Details tab

Protocol notes

Cor T1 DL

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast, 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:

44.0

Slice Thickness:

5.00

Slice Spacing:

2.0

Overlap Locations:

0

Number of Slices:

15

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.1 X 1.4 X 5.0
Freq:	384
Phase:	320
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
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:	20.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
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Anatomical Region:	Leg
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SAT

SAT Location S:	Default
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SAT Location I:	Default
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USER CVS

User CV6:	None
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User CV9:	None
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User CV15:	None
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User CV16:	None
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User CV18:	None
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User CV21:	None
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User CV26:	1.00
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User CV41:	None
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Non-Viewable Parameters

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Sag T1 DL

Details tab

Protocol notes

Sag T1 DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, 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:	44.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	14

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.1 X 1.7 X 5.0
Freq:	384
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:	20.0
Number of Echoes:	1
TR:	650.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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USER CVS

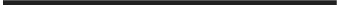
User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters**ñ**

--contrast--

Details tab

Protocol notes



--contrast--

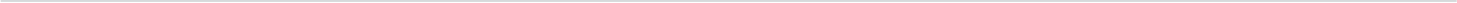
PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

Plane:

3-PLANE



IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, EDR, Fast, SS

Pulse Sequence:

Spin Echo

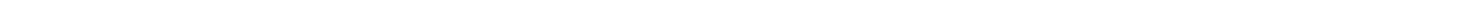


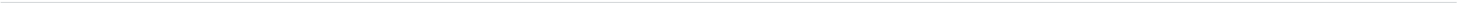
Image Recon

Intensity Correction:

NONE

Intensity Filter:

None



SCAN RANGE

FOV:

40.0

Slice Thickness:

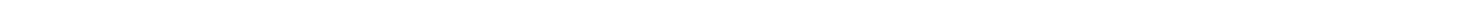
5.0

Slice Spacing:

5.0

No Phase Wrap:

1.00



ACQ TIMING

Acq Voxel Size:

1.0 X 1.6 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:	Leg
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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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+C Ax T1 DL FAT

Details tab

Protocol notes

+C Ax T1 DL FAT

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

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:

20.0

Slice Thickness:

7.00

Slice Spacing:

2.0

Overlap Locations:

0

Number of Slices:

22

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.8 X 7.0
Freq:	352
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	20.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Leg
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SAT

SAT Location S:	Default
SAT Location I:	Default
Fat/Water Saturation:	Fat

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 CV30:	1.00
User CV41:	None

Non-Viewable Parameters

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+C Sag T1 DL FAT

Details tab

Protocol notes

+C Sag T1 DL FAT

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

FC, EDR, TRF, Fast, 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:

44.0

Slice Thickness:

5.00

Slice Spacing:

2.0

Overlap Locations:

0

Number of Slices:

14

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 5.0
Freq:	320
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Leg
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SAT

Fat/Water Saturation:	Fat
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USER CVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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+C Cor T1 FAT

Details tab

Protocol notes

+C Cor T1 FAT

PATIENT POSITION

Coil Configuration:GE40chGEMPA, GE16chTDIAA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:FC, EDR, TRF, Fast, 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:44.0

Slice Thickness:5.00

Slice Spacing:2.0

Overlap Locations:0

Number of Slices:15

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.3 X 1.7 X 5.0
Freq:	352
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Leg

SAT

SAT Location S: Default

SAT Location I: Default

Fat/Water Saturation: Fat

USER CVS

User CV6: None

User CV15: None

User CV16: None

User CV18: None

User CV19: 1.00

User CV21: None

User CV26: 1.00

User CV41: None

Non-Viewable Parameters

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