

FOREARM wo or Osteo-Abscess (Adult) SIGNA Artist

Technical Instructions

Lt 3pl loc

Rt 3pl loc

Cor STIR DL

Sag STIR DL

AX T2 Fat DL

AX T1 DL

COR T1 DL

Sag T1 DL

--contrast--

+C SAG T1 Fat DL

+C AX T1 Fat DL

+C COR T1 Fat DL

Lt 3pl loc

Details tab

Protocol notes

Lt 3pl loc

PATIENT POSITION

Coil Configuration:

Inv16chCardiacAA

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:

48.0

Slice Thickness:

8.00

Slice Spacing:

3.0

Overlap Locations:

0

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	1.9 X 2.1 X 8.0
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:	Humerus
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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:

Inv16chCardiacAA

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:

48.0

Slice Thickness:

8.0

Slice Spacing:

3.0

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	1.9 X 2.1 X 8.0
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:	Humerus
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USER CVS

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

Cor STIR DL

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

Cor STIR DL

PATIENT POSITION

Coil Configuration:	Inv16chCardiacAA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	30.0
Slice Thickness:	3.00
Slice Spacing:	1.5
Overlap Locations:	0
Number of Slices:	20

No Phase Wrap: **2.00**

ACQ TIMING

Acq Voxel Size:	0.9 X 1.3 X 3.0
Freq:	320
Phase:	224
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	42.0
Number of Echoes:	1
TR:	5538.0
TI:	150
Echo Train Length:	13
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Hip joint

SAT

SAT Location S: Default

SAT Location I: Default

USER CVS

User CV15: None

User CV18: 1.00

User CV21: 1.00

User CV26: 1.00

TR Min: 2800.0

TR Max: 15000.0

Non-Viewable Parameters

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Sag STIR DL

Details tab

Protocol notes

Sag STIR DL

PATIENT POSITION

Coil Configuration:	Inv16chCardiacAA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	30.0
Slice Thickness:	3.00
Slice Spacing:	1.5
Overlap Locations:	0
Number of Slices:	20

No Phase Wrap: **1.00**

ACQ TIMING

Acq Voxel Size:	0.9 X 1.3 X 3.0
Freq:	320
Phase:	224
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	0.70
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	42.0
Number of Echoes:	1
TR:	5538.0
TI:	150
Echo Train Length:	13
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Hip joint
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SAT

SAT Location S:	Default
SAT Location I:	Default

USER CVS

User CV15:	None
User CV18:	1.00
User CV21:	1.00
User CV26:	1.00
TR Min:	2800.0
TR Max:	15000.0

Non-Viewable Parameters

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AX T2 Fat DL

Details tab

Protocol notes

AX T2 Fat DL

PATIENT POSITION

Coil Configuration:	Inv16chCardiacAA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, 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:	12.0
Slice Thickness:	5.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	21
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 5.0
Freq:	288
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Slice
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	160.0
TE:	68.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	8
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Forearm bone
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SAT

Fat/Water Saturation:	Fat
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USER CVS

User CV6:	None
User CV13:	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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AX T1 DL

Details tab

Protocol notes

AX T1 DL

PATIENT POSITION

Coil Configuration:	Inv16chCardiacAA
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:	12.0
Slice Thickness:	5.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	21
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 5.0
Freq:	288
Phase:	256
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
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:	343.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Forearm bone
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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
TR Min:	300.0
TR Max:	750.0

Non-Viewable Parameters

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COR T1 DL

Details tab

Protocol notes

COR T1 DL

PATIENT POSITION

Coil Configuration:Inv16chCardiacAA, GE40chGEMPA

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:30.0

Slice Thickness:3.00

Slice Spacing:1.5

Overlap Locations:0

No Phase Wrap:2.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.2 X 3.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
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:	617.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Forearm bone
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USER CVS

<i>User CV6:</i>	<i>None</i>
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None
User CV26:	1.00

Non-Viewable Parameters

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Sag T1 DL

Details tab

Protocol notes

Sag T1 DL

PATIENT POSITION

Coil Configuration:

Inv16chCardiacAA, GE40chGEMPA

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:

30.0

Slice Thickness:

3.00

Slice Spacing:

1.5

Overlap Locations:

0

Number of Slices:

19

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.2 X 3.0
Freq:	288
Phase:	256
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:	500.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Forearm bone

USER CVS

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

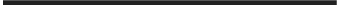
Non-Viewable Parameters

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--contrast--

Details tab

Protocol notes



--contrast--

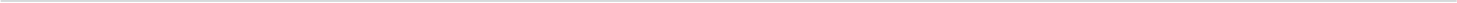
PATIENT POSITION

Coil Configuration:

Inv16chCardiacAA, GE40chGEMPA

Plane:

3-PLANE



IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, Fast

Pulse Sequence:

Gradient Echo

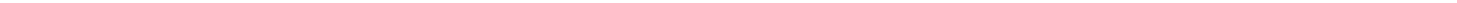


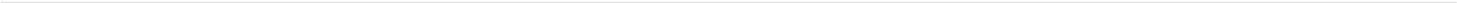
Image Recon

Intensity Correction:

NONE

Intensity Filter:

None



SCAN RANGE

FOV:

30.0

Slice Thickness:

6.0

Slice Spacing:

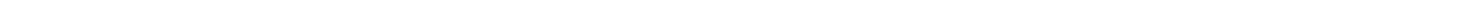
5.0

Number of Slices:

27

No Phase Wrap:

1.00



ACQ TIMING

Acq Voxel Size:

1.2 X 1.6 X 6.0

<i>Freq:</i>	256
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Forearm bone
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

TR Min:	-
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TR Max:	-
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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:	Inv16chCardiacAA, GE40chGEMPA
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:	30.0
Slice Thickness:	3.00
Slice Spacing:	1.5
Overlap Locations:	0
Number of Slices:	20

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.2 X 3.0
Freq:	288
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160.0
TE:	18.0
Number of Echoes:	1
TR:	568.0
Echo Train Length:	3
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Forearm bone
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SAT

Fat/Water Saturation:	Fat
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USER CVS

User CV6:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
TR Min:	300.0
TR Max:	750.0

Non-Viewable Parameters

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+C AX T1 Fat DL

Details tab

Protocol notes

+C AX T1 Fat DL

PATIENT POSITION

Coil Configuration:	Inv16chCardiacAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	12.0
Slice Thickness:	5.00
Slice Spacing:	2.5
Overlap Locations:	0
Number of Slices:	17
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 5.0
Freq:	288
Phase:	256
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
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:	18.0
Number of Echoes:	1
TR:	539.0
Echo Train Length:	3
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Forearm bone
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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
User CV26:	1.00
TR Min:	300.0
TR Max:	750.0

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:

Inv16chCardiacAA, GE40chGEMPA

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:

20.0

Slice Thickness:

3.00

Slice Spacing:

1.5

Overlap Locations:

0

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 X 3.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
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:	775.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Forearm bone
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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
User CV26:	1.00

Non-Viewable Parameters

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