

Bony Pelvis Osteo/Abscess (Adult) SIGNA Architect

Technical Instructions

3-Plane Loc

Cor T1 DL

Cor FSTIR DL

Ax T1 DL

Ax T2 Fat DL

Sag T1 DL

Sag FSTIR DL

--contrast--

+C Cor T1 FAT DL

+C Sag T1 FAT DL

+C Ax T1 FAT DL

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, 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:	5.00
Slice Spacing:	5.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.6 X 3.1 X 5.0
Freq:	256
Phase:	128
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective

SCAN TIMING

TE:	80.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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USER CVS

User CV1:	1.00
User CV2:	240.00

User CV13:

1.00

Non-Viewable Parameters

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Cor T1 DL

Details tab

Protocol notes

Cor T1 DL

PATIENT POSITION

Coil Configuration:	GE16chTDIAA, 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:	PURE
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	35.0
Slice Thickness:	4.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 4.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
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: 83.33

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Pelvis

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

Non-Viewable Parameters

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Cor FSTIR DL

Details tab

Protocol notes

Cor FSTIR DL

PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, TRF, Fast, ZIP512, ARC, IrP
Pulse Sequence:	FSE-XL

Image Recon

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

SCAN RANGE

FOV:	40.0
Slice Thickness:	4.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	29

No Phase Wrap:

1.35

ACQ TIMING

Acq Voxel Size:	1.0 X 1.3 X 4.0
Freq:	416
Phase:	320
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	44.0
Number of Echoes:	1
TR:	8306.0
TI:	180
Echo Train Length:	13
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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USER CVS

User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV28:	None
User CV29:	None
TR Min:	2000.0
TR Max:	15000.0

Non-Viewable Parameters

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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, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

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

SCAN RANGE

FOV:	35.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	11

No Phase Wrap: 1.00

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 5.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
Phase FOV: 0.90
Auto Shim: Auto
Phase Correct: Off
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: 800.0
Echo Train Length: 4
Receiver Bandwidth: 83.33

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Pelvis

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

Non-Viewable Parameters

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Ax T2 Fat DL

Details tab

Protocol notes

Ax T2 Fat DL

PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

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

SCAN RANGE

FOV:	35.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.1 X 5.0
Freq:	420
Phase:	320
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	85.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	20
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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Fat/Water Saturation:

Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

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:	PURE
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	35.0
Slice Thickness:	7.00
Slice Spacing:	3.0
Overlap Locations:	0
Number of Slices:	8

No Phase Wrap: 1.00

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 7.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
Phase FOV: 0.80
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
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: 83.33

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Pelvis

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV40:	None

Non-Viewable Parameters

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Sag FSTIR DL

Details tab

Protocol notes

Sag FSTIR DL

PATIENT POSITION

Coil Configuration:	GE16chTDIAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, TRF, Fast, ZIP512, ARC, IrP
Pulse Sequence:	FSE-XL
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	40.0
Slice Thickness:	7.00
Slice Spacing:	3.0
Overlap Locations:	0
Number of Slices:	18

No Phase Wrap: 1.00

ACQ TIMING

Acq Voxel Size: 1.0 X 1.3 X 7.0
Freq: 416
Phase: 320
Freq DIR: S/I
NEX: 1.00
of Acq. Before Pause: 0
Phase FOV: 0.80
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

SCAN TIMING

Flip Angle: 111.0
TE: 44.0
Number of Echoes: 1
TR: 2662.0
TI: 180
Echo Train Length: 13
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Pelvis

USER CVS

User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV28:	None
User CV29:	None
TR Min:	2000.0
TR Max:	15000.0

Non-Viewable Parameters

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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:	1.6 X 3.1 X 5.0
Freq:	256

Phase:	128
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
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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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 Cor T1 FAT DL

Details tab

Protocol notes

+C Cor T1 FAT DL

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:	35.0
Slice Thickness:	4.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap: 1.50

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 4.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
of Acq. Before Pause: 0
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 (S)

SCAN TIMING

Flip Angle: 111.0
TE: 18.0
Number of Echoes: 1
TR: 800.0
Echo Train Length: 4
Receiver Bandwidth: 83.33

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Pelvis

SAT

Fat/Water Saturation: Fat

USER CVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV41:	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:	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:	35.0
Slice Thickness:	7.00
Slice Spacing:	3.0
Overlap Locations:	0
Number of Slices:	8

No Phase Wrap: 1.00

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 7.0
Freq: 320
Phase: 288
Freq DIR: S/I
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 (S)

SCAN TIMING

Flip Angle: 111.0
TE: 18.0
Number of Echoes: 1
TR: 800.0
Echo Train Length: 4
Receiver Bandwidth: 83.33

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region:

Pelvis

SAT

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 CV29:	None
User CV41:	None

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:	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:	35.0
Slice Thickness:	5.00
Slice Spacing:	2.0
Overlap Locations:	0
Number of Slices:	11

No Phase Wrap: 1.00

ACQ TIMING

Acq Voxel Size: 1.1 X 1.2 X 5.0
Freq: 320
Phase: 288
Freq DIR: S/I
NEX: 1.00
of Acq. Before Pause: 0
Phase FOV: 0.80
Auto Shim: Auto
Phase Correct: Off
Flow Comp Direction: Slice
RF Drive Mode: Preset
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCAN TIMING

Flip Angle: 111.0
TE: 18.0
Number of Echoes: 1
TR: 800.0
Echo Train Length: 4
Receiver Bandwidth: 83.33

CONTRAST

Contrast Yes/No: Yes

OTHERS

Anatomical Region: Pelvis

SAT

Fat/Water Saturation: Fat

USER CVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	None
User CV41:	None

Non-Viewable Parameters

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