

Bony Pelvis SI JOINTS (sacroilitis) SIGNA Artist

Technical Instructions

3 plane loc

Obl Cor T1 DL

Obl Cor STIR DL

Obl Ax T2 Fat DL

Obl Ax T1 DL

<Cor oZTEo MR Bone

<Cor T1 Lava-Flex

--optional contrast--

+c Obl Cor T1 Fat DL

+c Obl Ax T1 Fat DL

3 plane loc

Details tab

Protocol notes

3 plane loc

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

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:48.0

Slice Thickness:10.00

Slice Spacing:2.5

Overlap Locations:0

No Phase Wrap:1.00

ACQ TIMING

Acq Voxel Size:	1.9 X 3.8 X 10.0
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:	90.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

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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Obl Cor T1 DL

Details tab

Protocol notes

Obl Cor T1 DL

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:EDR, TRF, Fast, ZIP512, 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:22.0

Slice Thickness:3.00

Slice Spacing:0.3

Overlap Locations:0

Number of Slices:25

No Phase Wrap:

1.75

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 X 3.0
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
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:***Pelvis*****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 CV29:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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Obl Cor STIR DL

Details tab

Protocol notes

Obl Cor STIR DL

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

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:1.50

Image Recon

Recon DL Strength:High

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:22.0

Slice Thickness:3.00

Slice Spacing:0.3

Overlap Locations:0

Number of Slices:25

No Phase Wrap:

1.75

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 3.0
Freq:	320
Phase:	256
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
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:	6582.0
TI:	150
Echo Train Length:	13
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Hip joint
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SAT

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

User CV15:	1.00
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User CV18:	1.00
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User CV21:	1.00
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User CV26:	1.00
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TR Min:	2000.0
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TR Max:	15000.0
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Non-Viewable Parameters

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Obl Ax T2 Fat DL

Details tab

Protocol notes

Obl Ax T2 Fat DL

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:EDR, TRF, Fast, ZIP512, ARC

Pulse Sequence:FSE-XL

ARC Phase:1.25

Image Recon

Recon DL Strength:High

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:22.0

Slice Thickness:4.00

Slice Spacing:1.5

Overlap Locations:0

Number of Slices:30

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	320
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
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:	68.0
Number of Echoes:	1
TR:	5507.0
Echo Train Length:	20
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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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:	1.00
User CV26:	1.00
User CV29:	None
TR Min:	3000.0
TR Max:	8500.0

Non-Viewable Parameters

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Obl Ax T1 DL

Details tab

Protocol notes

Obl Ax T1 DL

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:EDR, TRF, Fast, ZIP512, 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:22.0

Slice Thickness:4.00

Slice Spacing:1.5

Overlap Locations:0

Number of Slices:16

No Phase Wrap:

1.75

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 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:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	597.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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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 CV29:	None
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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<Cor oZTEo MR Bone

PATIENT POSITION

Coil Configuration:	GE16chAirAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	Fast, SqP
Pulse Sequence:	SPGR
PSD Name:	ozteo

Image Recon

Recon DL Strength:	Off
Intensity Correction:	SCENIC
Intensity Filter:	G - Noise reduction
Save Original:	On

SCAN RANGE

FOV:	22.0
Slice Thickness:	1.60
Overlap Locations:	0
No Slab Wrap:	1.00
Slice Resolution(%):	100.00

ACQ TIMING

Acq Voxel Size: **1.2 X 1.2 X 1.6**

Freq: 180

Freq DIR: Unswap

NEX: 8.00

Auto Shim: Auto

Phase Correct: Off

RF Drive Mode: Quadrature

Excitation Mode: Selective

Spokes Per Segment: 384

SCAN TIMING

Flip Angle: 2

Number of Echoes: 1

Receiver Bandwidth: 50.00

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Sacroiliac joint

GATING/TRIGGER

Pause After Navigator Prescan: 0

USER CVS

User CV4: None

Details tab

Protocol notes

<Cor T1 Lava-Flex

PATIENT POSITION

Coil Configuration:	GE16chAirAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, Flex
Pulse Sequence:	LAVA
IDEAL:	3

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	1.30
Slices per Slab:	156
Overlap Locations:	0
No Slab Wrap:	1.05
No Phase Wrap:	2.00

Slice Resolution(%): ***50.00***

ACQ TIMING

Acq Voxel Size:	0.7 X 1.1 X 2.6
Freq:	320
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	15
TE:	Minimum
Number of Echoes:	2
Receiver Bandwidth:	100.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Rectum
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USER CVS

User CV4:	None
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User CV6:	None
User CV12:	None
User CV13:	None
User CV16:	None
User CV30:	1.00

Non-Viewable Parameters

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--optional contrast--

Details tab

Protocol notes

--optional contrast--

PATIENT POSITION

Coil Configuration:	GE16chAirAA, GE40chGEMPA
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:	48.0
Slice Thickness:	10.00
Slice Spacing:	2.5
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.9 X 3.8 X 10.0
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:	90.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

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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+c Obl Cor T1 Fat DL

Details tab

Protocol notes

+c Obl Cor T1 Fat DL

PATIENT POSITION

Coil Configuration:GE16chAirAA, GE40chGEMPA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:EDR, TRF, Fast, ZIP512, ARC

Pulse Sequence:FSE-XL

ARC Phase:1.50

Image Recon

Recon DL Strength:High

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:22.0

Slice Thickness:3.00

Slice Spacing:0.3

Overlap Locations:0

Number of Slices:25

No Phase Wrap: **1.75**

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 X 3.0
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
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	565.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:

Pelvis

SAT

Fat/Water Saturation:

Fat Classic

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 CV26: 1.00

User CV29: None

TR Min: 400.0

TR Max: 750.0

Non-Viewable Parameters

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+c Obl Ax T1 Fat DL

Details tab

Protocol notes

+c Obl Ax T1 Fat DL

PATIENT POSITION

Coil Configuration:	GE16chAirAA, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, ARC
Pulse Sequence:	FSE-XL
ARC Phase:	1.50

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.00
Slice Spacing:	1.5
Overlap Locations:	0
Number of Slices:	16

No Phase Wrap: **1.75**

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 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
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	504.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:

Pelvis

SAT

Fat/Water Saturation:

Fat Classic

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 CV26: 1.00

User CV29: None

TR Min: 400.0

TR Max: 750.0

Non-Viewable Parameters

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