

msk Sports Hernia/Osteitis Pubis/Pubalgia SIGNA Architect

Technical Instructions

3-Plane Loc

Cor FSTIR DL

Sag T2 Fat DL

Strt Ax T2 FAT DL

Obl Cor STIR DL

Obl Cor T1 DL

Obl Ax T2 FAT DL

OBL-AX PD DL

3-Plane Loc

Details tab

Protocol notes

3-Plane Loc

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, Inv16chCardiacAA

Plane:

3-PLANE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, EDR, Fast, SS

Pulse Sequence:

Spin Echo

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:	Sacroiliac joint
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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 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

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:

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
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:	8650.0
TI:	180
Echo Train Length:	13
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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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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Sag T2 Fat DL

Details tab

Protocol notes

Sag T2 Fat DL

PATIENT POSITION

Coil Configuration:

GE40chGEMPA, GE16chTDIAA

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

FC, EDR, TRF, Fast, FR, 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:

24.0

Slice Thickness:

4.00

Slice Spacing:

1.0

Overlap Locations:

0

No Phase Wrap:

1.25

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 4.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
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

SCAN TIMING

Flip Angle:	111.0
TE:	60.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	20
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Hip joint
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SAT

Fat/Water Saturation:	Fat
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USER CVS

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

Non-Viewable Parameters

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Strt Ax T2 FAT DL

Details tab

Protocol notes

Strt Ax T2 FAT DL

PATIENT POSITION

Coil Configuration:GE40chGEMPA, GE16chTDIAA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:FC, EDR, TRF, Fast, FR, ARC

Pulse Sequence:FSE-XL

ARC Phase:2.00

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:20.0

Slice Thickness:4.00

Slice Spacing:1.0

Overlap Locations:0

No Phase Wrap:1.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.7 X 4.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Slice
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:	4500.0
Echo Train Length:	20
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 CV26:	1.00
User CV41:	None

Obl Cor STIR DL

Details tab

Protocol notes

Obl 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:1.50

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:24.0

Slice Thickness:4.00

Slice Spacing:1.0

Overlap Locations:0

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 0.9 X 4.0
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:	13
Receiver Bandwidth:	62.50

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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Obl Cor T1 DL

Details tab

Protocol notes

Obl 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:2.00

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:24.0

Slice Thickness:4.00

Slice Spacing:1.0

Overlap Locations:0

Number of Slices:20

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 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:	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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Obl Ax T2 FAT DL

Details tab

Protocol notes

Obl Ax T2 FAT DL

PATIENT POSITION

Coil Configuration:GE40chGEMPA, GE16chTDIAA

Plane:OBLIQUE

IMAGING PARAMETERS

Imaging Mode:2D

Imaging Options:FC, EDR, TRF, Fast, FR, ARC

Pulse Sequence:FSE-XL

ARC Phase:2.00

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:20.0

Slice Thickness:4.00

Slice Spacing:1.0

Overlap Locations:0

No Phase Wrap:1.50

ACQ TIMING

Acq Voxel Size:	0.6 X 0.7 X 4.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Slice
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:	4500.0
Echo Train Length:	20
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 CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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OBL-AX PD DL

Details tab

Protocol notes

OBL-AX PD DL

PATIENT POSITION

Coil Configuration:GE40chGEMPA, Inv16chCardiacAA

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:SCENIC

Intensity Filter:None

Save Original:On

SCAN RANGE

FOV:20.0

Slice Thickness:4.00

Slice Spacing:1.0

Overlap Locations:0

Number of Slices:29

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.6 X 0.7 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 (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	5
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Sacroiliac joint
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USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	None
User CV41:	None
TR Min:	2500.0
TR Max:	11000.0

Non-Viewable Parameters

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