

Bony Pelvis Hip Prosthesis SIGNA Artist

Technical Instructions

3 plane loc

Metal Analysis

Ax T1 DL

Ax FSTIR DL

Cor PD MAVRIC SL

Cor MAVRIC SL FLUID

Sag FSTIR DL

--optional contrast

+c Cor T1FSE DL

+c Ax T1 FSE DL

--old--

SAG PD MAVRIC SL

Ax PD FSE

3 plane loc

Detailstab

Protocolnotes

3 plane loc

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D
Imaging Options: Seq, EDR, Fast, SS, ARC
Pulse Sequence: Spin Echo
ARC Phase: 2.00

ImageRecon

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

SCANRANGE

FOV: 48.0
Slice Thickness: 10.00
Slice Spacing: 2.5
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

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

SCANTIMING

TE:	Minimum
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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USERCVS

User CV1:	1.00
User CV2:	240.00

User CV13:

1.00

Non-Viewable Parameters

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Metal Analysis

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Metal Analysis

PATIENTPOSITION

Coil Configuration: GE16chTDIAA, GE40chGEMPA
Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 3D
Imaging Options: EDR, Fast, Calib, ARC
Pulse Sequence: Metal Analysis
ARC Phase: 2.00
ARC Slice: 2.00

ImageRecon

Intensity Correction: NONE
Intensity Filter: None
Save Original: Off

SCANRANGE

FOV: 42.0
Slice Thickness: 6.0
Slices per Slab: 24
Overlap Locations: 0

ACQTIMING

Freq DIR:	Unswap
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	117
Number of Echoes:	1
TR:	1511.9
Echo Train Length:	16

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Leg
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Non-Viewable Parameters

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Ax T1 DL

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Ax T1 DL

PATIENTPOSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	36.0
Slice Thickness:	5.00
Slice Spacing:	2.5
Overlap Locations:	0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.9 X 5.0
Freq:	320
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.70
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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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

Non-Viewable Parameters

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Ax FSTIR DL

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Ax FSTIR DL

PATIENTPOSITION

Coil Configuration:	GE40chGEMPA, GE16chTDIAA
Plane:	OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	36.0
Slice Thickness:	5.00
Slice Spacing:	2.5
Overlap Locations:	0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.6 X 5.0
Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	40.0
Number of Echoes:	1
TR:	3200.0
TI:	160
Echo Train Length:	8
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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USERCVS

User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	None

Non-Viewable Parameters

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Cor PD MAVRIC SL

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Cor PD MAVRIC SL

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 3D

Imaging Options: EDR, Fast, ARC

Pulse Sequence: MAVRIC SL

ARC Phase: 2.00

ARC Slice: 2.00

ImageRecon

Recon DL Strength: Off

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 40.0

Slice Thickness: 4.00

Slices per Slab: 24

Overlap Locations: 0

No Slab Wrap: 1.17

No Phase Wrap: 1.00
Slice Resolution(%): 100.00

ACQTIMING

Acq Voxel Size: 1.0 X 1.6 X 4.0
Freq: 384
Phase: 256
Freq DIR: Unswap
NEX: 0.50
Phase FOV: 1.00
Auto Shim: Off
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective

SCANTIMING

Flip Angle: 110.0
TE: 8.0
Number of Echoes: 1
TR: 2000.0
Echo Train Length: 20

TRACKER

Tracker Length: 200.0
Tracker Thickness: 20.0

CONTRAST

Contrast Yes/No:

No

USERCVS

User CV32:

None

User CV34:

100.00

Non-Viewable Parameters

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Cor MAVRIC SL FLUID

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Cor MAVRIC SL FLUID

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 3D

Imaging Options: EDR, Fast, ARC, IrP

Pulse Sequence: MAVRIC SL

ARC Phase: 2.00

ARC Slice: 2.00

ImageRecon

Recon DL Strength: Off

Intensity Correction: NONE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 40.0

Slice Thickness: 4.00

Slices per Slab: 24

Overlap Locations: 0

Number of Slices: 1

No Slab Wrap: 1.17
No Phase Wrap: 1.00
Slice Resolution(%): 100.00

ACQTIMING

Acq Voxel Size: 1.6 X 2.1 X 4.0
Freq: 256
Phase: 192
Freq DIR: S/I
NEX: 0.50
Phase FOV: 0.80
Auto Shim: Off
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective

SCANTIMING

Flip Angle: 110.0
TE: 8.0
Number of Echoes: 1
TR: 4000.0
TI: 150
Echo Train Length: 20

TRACKER

Tracker Length: 200.0
Tracker Thickness: 20.0

CONTRAST

Contrast Yes/No: No

USERCVS

User CV32: None

User CV34: 100.00

Non-Viewable Parameters

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Sag FSTIR DL

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Sag FSTIR DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 36.0
Slice Thickness: 5.00
Slice Spacing: 2.5
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.6 X 5.0
Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	40.0
Number of Echoes:	1
TR:	3200.0
TI:	160
Echo Train Length:	8
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Pelvis
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USERCVS

User CV9:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	None

Non-Viewable Parameters

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--optional contrast

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA

Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: Seq, EDR, Fast, SS, ARC

Pulse Sequence: Spin Echo

ARC Phase: 2.00

ImageRecon

Intensity Correction: NONE

Intensity Filter: None

SCANRANGE

FOV: 48.0

Slice Thickness: 10.0

Slice Spacing: 2.5

No Phase Wrap: 1.00

ACQTIMING

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

SCANTIMING

TE:	Minimum
Receiver Bandwidth:	83.33

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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USERCVS

User CV1:	1.0
User CV2:	240.00
User CV15:	None

User CV39:

1.00

Non-Viewable Parameters

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+c Cor T1FSE DL

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+c Cor T1FSE DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 40.0
Slice Thickness: 5.00
Slice Spacing: 2.5
Overlap Locations: 0
No Phase Wrap: 2.00

ACQTIMING

Acq Voxel Size:	1.3 X 1.8 X 5.0
Freq:	320
Phase:	224
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

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Pelvis
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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

Non-Viewable Parameters

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+c Ax T1 FSE DL

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+c Ax T1 FSE DL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ARC

Pulse Sequence: FSE-XL

ARC Phase: 1.50

ImageRecon

Recon DL Strength: High

Intensity Correction: PURE

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 36.0

Slice Thickness: 5.00

Slice Spacing: 2.5

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	1.1 X 1.6 X 5.0
Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.70
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Pelvis
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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

Non-Viewable Parameters

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Protocolnotes

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PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D
Imaging Options: Seq, EDR, Fast, SS, ARC
Pulse Sequence: Spin Echo
ARC Phase: 2.00

ImageRecon

Intensity Correction: NONE
Intensity Filter: None

SCANRANGE

FOV: 48.0
Slice Thickness: 10.0
Slice Spacing: 2.5
No Phase Wrap: 1.00

ACQTIMING

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

SCANTIMING

TE:	Minimum
Receiver Bandwidth:	83.33

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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USERCVS

User CV1:	1.0
User CV2:	240.00
User CV15:	None

User CV39:

1.00

Non-Viewable Parameters

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SAG PD MAVRIC SL

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SAG PD MAVRIC SL

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA

Plane: SAGITTAL

IMAGINGPARAMETERS

Imaging Mode: 3D

Imaging Options: EDR, Fast, ARC

Pulse Sequence: MAVRIC SL

ARC Phase: 2.00

ARC Slice: 2.00

ImageRecon

Intensity Correction: NONE

Intensity Filter: None

SCANRANGE

FOV: 36.0

Slice Thickness: 4.0

Slices per Slab: 16

Overlap Locations: 0

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.9 X 1.4 X 4.0
Freq:	384
Phase:	256
Freq DIR:	S/I
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
NEX:	0.50

SCANTIMING

Flip Angle:	110
TR:	2000.0
Echo Train Length:	20
TE:	8.00

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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Ax PD FSE

Detailstab

Protocolnotes

Ax PD FSE

PATIENTPOSITION

Coil Configuration: GE40chGEMPA, GE16chTDIAA
Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

Intensity Correction: PURE
Intensity Filter: None

SCANRANGE

FOV: 26.0
Slice Thickness: 4.0
Slice Spacing: 1.0
No Phase Wrap: 2.00

ACQTIMING

Acq Voxel Size: 0.5 X 1.2 X 4.0
Freq: 512

Phase:	224
Freq DIR:	Unswap
NEX:	1.50
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	160
TE:	34.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	24
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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USERCVS

User CV6:	None
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User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	0
User CV21:	None

Non-Viewable Parameters

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