

msk Coccydynia/Sacrococcygeal Osteo SIGNA Artist

Technical Instructions

3 plane loc

<Cor T1

<Cor STIR

<Ax T1

<Ax T2 dk fat

Sag T1

Sag T2 dkfat

--Sacrococcygeal Osteo

+c <Cor T1fat

+c <Ax T1fat

+c Sag T1fat

3 plane loc

3 plane loc

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: 1.00
User CV2: 240.00
User CV13: 1.00
User CV16: None
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

TE: 90.0
Number of Echoes: 1
TR: Minimum
Receiver Bandwidth: 83.33

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 48.0

Slice Thickness:	10.00
Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

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:	Single
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Pelvis
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<Cor T1

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV7:	1.00
User CV8:	None
User CV9:	None
User CV15:	None
User CV17:	None
User CV21:	1.00
TR Min:	-
TR Max:	-

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
Recon All Images:	On

SCAN TIMING

TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	19.23
Flip Angle:	160

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.0
Slice Spacing:	0.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Pelvis
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<Cor STIR

PATIENT POSITION

Coil Configuration: GE30chAirAA, GE40chGEMPA
Plane: OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter: None
Intensity Correction: SCENIC

FMRI

Brain Wave Real Time: None
PSD Trigger: Internal
View Order: Bottom/Up
of Repetitions REST: 0
of Repetitions ACTIVE: 0

SAT

SAT Location S: 9990
SAT Location I: 9990

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV7:	None
User CV8:	None
User CV12:	1.00
User CV15:	None
User CV18:	1.00
User CV21:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256
TR Min:	2000.0
TR Max:	15000.0

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	160
TE:	42.0
Number of Echoes:	1
TR:	7379.0
TI:	150
Echo Train Length:	13

Receiver Bandwidth: 41.67

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 20.0
Slice Thickness: 4.00
Slice Spacing: 1.0
Number of Slices: 27
Table Delta: 0.00

ACQ TIMING

Freq: 320
Phase: 224
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
Flow Comp Direction: Freq
RF Drive Mode: Single
Excitation Mode: Selective
Fat Shift DIR: Normal (I)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Hip joint

<Ax T1

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

USER CVS

User CV6:	None
User CV7:	1.00
User CV8:	None
User CV9:	None
User CV15:	None
User CV17:	None
User CV21:	1.00
TR Min:	-
TR Max:	-

DIFFUSION

Recon All Images:	On
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SCAN TIMING

TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	19.23
Flip Angle:	160

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0

Mask Pause: 0

SCAN RANGE

FOV: 22.0

Slice Thickness: 4.0

Slice Spacing: 1.5

Table Delta: 0.00

ACQ TIMING

Freq: 256

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Auto Shim: Auto

Phase Correct: On

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

<Ax T2 dk fat

PATIENT POSITION

Plane:	OBLIQUE
Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

Fat/Water Saturation: Fat

USER CVS

User CV6:	None
User CV7:	1.00
User CV8:	None
User CV9:	None
User CV15:	None
User CV17:	None
User CV19:	1.00
User CV21:	1.00
TR Min:	-
TR Max:	-

DIFFUSION

Recon All Images:	On
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SCAN TIMING

TE:	68.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	6
Receiver Bandwidth:	19.23
Flip Angle:	160

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	Off

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Pelvis
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Sag T1

Sag T1

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA
Plane:	SAGITTAL

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: 1.00
User CV8: None
User CV9: None
User CV15: None
User CV16: None
User CV17: None
User CV18: None
User CV21: 1.00
User CV30: 1.00
User CV Mask2: 0

DIFFUSION

Multi b-values: 1000.0;
Multi NEX Values: 1.0;
Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 160
TE: 20.0
Number of Echoes: 1
TR: 600.0
Echo Train Length: 4
Receiver Bandwidth: 19.23

MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	22.0
Slice Thickness:	2.0
Slice Spacing:	0.2
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	224
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Single
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

CONTRAST

Contrast Yes/No:	No
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TRICKS

TRICKS
Pause On/Off: On
Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

Sag T2 dkfat

Sag T2 dkfat

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA
Plane:	SAGITTAL

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

Fat/Water Saturation: Fat

USER CVS

User CV6:	None
User CV7:	1.00
User CV9:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV17:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1.0;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	160
TE:	68.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	6

Receiver Bandwidth: 19.23

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 22.0
Slice Thickness: 2.0
Slice Spacing: 0.2
Table Delta: 0.00

ACQ TIMING

Freq: 256
Phase: 224
Freq DIR: S/I
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Single
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

--Sacrococcygeal Osteo

--Sacrococcygeal Osteo

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: 1.00
User CV2: 240.00
User CV13: 1.00
User CV16: None
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

TE: 90.0
Number of Echoes: 1
TR: Minimum
Receiver Bandwidth: 83.33

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 48.0

Slice Thickness:	10.0
Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

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:	Single
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Pelvis
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+c <Cor T1fat**PATIENT POSITION**

Plane:	OBLIQUE
Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None
Fat/Water Saturation: Fat

USER CVS

User CV6: None
User CV7: 1.00
User CV8: None
User CV9: None
User CV15: None
User CV17: None
User CV19: 1.00
User CV21: 1.00
TR Min: -
TR Max: -

DIFFUSION

Recon All Images: On

SCAN TIMING

TE: 20.0
Number of Echoes: 1
TR: 550.0
Echo Train Length: 4
Receiver Bandwidth: 19.23
Flip Angle: 160

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.0
Slice Spacing:	0.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On

CONTRAST

Contrast Yes/No:	Yes
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

+C**+c <Ax T1fat****PATIENT POSITION**

Plane:	OBLIQUE
Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV7:	1.00
User CV8:	None
User CV9:	None
User CV15:	None
User CV17:	None
User CV19:	1.00
User CV21:	1.00
TR Min:	-
TR Max:	-

DIFFUSION

Recon All Images:	On
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SCAN TIMING

TE:	20.0
Number of Echoes:	1
TR:	550.0
Echo Train Length:	4
Receiver Bandwidth:	19.23
Flip Angle:	160

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.0
Slice Spacing:	1.5
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On

CONTRAST

Contrast Yes/No:	Yes
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

+c Sag T1fat

+c Sag T1fat

PATIENT POSITION

Coil Configuration:	GE40chGEMPA, Inv16chCardiacAA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCENIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV7:	1.00
User CV8:	None
User CV9:	None
User CV13:	None
User CV15:	None
User CV16:	None
User CV17:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	160
TE:	20.0
Number of Echoes:	1
TR:	550.0
Echo Train Length:	4

Receiver Bandwidth: 19.23

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV: 22.0
Slice Thickness: 2.0
Slice Spacing: 0.2
Table Delta: 0.00

ACQ TIMING

Freq: 256
Phase: 224
Freq DIR: Unswap
NEX: 1.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Single
Excitation Mode: Selective
Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis