

THOR SPINE ADULT SIGNA Artist

Technical Instructions

3PI BOT Loc

3PI TOP Loc

T Sag T1 DL

T Sag T2 DL

T Sag STIR DL

PEDS T Ax T2* FGRE

T Ax T2 DL

T Ax T1 DL

T +c Sag T1 Fat DL

T +c Ax T1 DL

+c Ax T1 FAT DL

---trauma---

T Cor T2 IDEALarc

---osseous mets---Tsp

DWI Sag DL

3PI BOT Loc

Details tab

Protocol notes

3PI BOT Loc

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, 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:	44.0
Slice Thickness:	6.00
Slice Spacing:	5.0
Overlap Locations:	0

No Phase Wrap: **1.00**

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 6.0
Freq:	320
Phase:	256
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:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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USER CVS

User CV1:	1.00
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User CV2:	240.00
User CV13:	1.00

Non-Viewable Parameters

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3PI TOP Loc

Details tab

Protocol notes

3PI TOP Loc

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, 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

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

SCAN RANGE

FOV:	44.0
Slice Thickness:	6.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 6.0
Freq:	320
Phase:	256
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:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.00
User CV2:	240.00
User CV13:	1.00
User CV16:	None
User CV39:	1.00

Non-Viewable Parameters

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T Sag T1 DL

Details tab

Protocol notes

T Sag T1 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.8 X 1.0 X 4.0
Freq:	384
Phase:	320
Freq DIR:	Swap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	5
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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SAT

SAT Location A:	P7.9
SAT Location S:	Default
SAT Location I:	Default

USER CVS

User CV6:	None
User CV9:	None
User CV15:	2.00
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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T Sag T2 DL

Details tab

Protocol notes

T Sag T2 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.7 X 1.0 X 4.0
Freq:	448
Phase:	320
Freq DIR:	Swap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	160.0
TE:	85.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	18
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:**Thoracic spine****SAT**

SAT Location A:	P7.9
SAT Location S:	Default
SAT Location I:	Default

USER CVS

User CV6:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	None
TR Min:	2800.0
TR Max:	11000.0

Non-Viewable Parameters

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T Sag STIR DL

Details tab

Protocol notes

T Sag STIR DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.1 X 1.3 X 4.0
RF Drive Mode:	Quadrature
Fat Shift DIR:	Normal (P)
Phase FOV:	1.00
Freq DIR:	A/P
# of Acq. Before Pause:	0
Phase:	256
Freq:	288
Excitation Mode:	Selective
NEX:	1.00
Phase Correct:	Off
Auto Shim:	Auto

SCAN TIMING

TE:	42.0
Receiver Bandwidth:	62.50
Flip Angle:	160
Echo Train Length:	14
Number of Echoes:	1
TR:	3285.0
TI:	160

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Thoracic spine

SAT

SAT Location I: Default
SAT Location S: Default
SAT Location A: P7.9

USER CVS

User CV9: None
TR Min: 2000.0
User CV30: 1.00
User CV21: None
TR Max: 15000.0
User CV18: None
User CV15: 0
User CV12: 1.00

Non-Viewable Parameters ñ

PEDS T Ax T2* FGRE

Details tab

Protocol notes

PEDS T Ax T2* FGRE

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, Fast, ZIP512
Pulse Sequence:	Gradient Echo

Image Recon

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

SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	42

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	256
Phase:	192
Freq DIR:	A/P
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

SCAN TIMING

Flip Angle:	15
TE:	Min Full
Number of Echoes:	1
TR:	675.0
Receiver Bandwidth:	19.23

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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SAT

SAT Location A:	Default
SAT Location S:	Default
SAT Location I:	Default

GATING/TRIGGER

Pause After Navigator Prescan:	0
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USER CVS

User CV6:	None
User CV20:	1.00

Non-Viewable Parameters	ñ
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T Ax T2 DL

Details tab

Protocol notes

T Ax T2 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	31

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.0 X 4.0
Freq:	200
Phase:	160
Freq DIR:	R/L
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:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	160
TE:	101.0
Number of Echoes:	1
TR:	5225.0
Echo Train Length:	19
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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SAT

SAT Location A:	A0.9
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USER CVS

User CV6:	None
User CV12:	None
User CV15:	1
User CV18:	1.00
User CV21:	None
User CV30:	1.00
User CV39:	1.00
TR Min:	2500.0
TR Max:	6000.0

Non-Viewable Parameters

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T Ax T1 DL

Details tab

Protocol notes

T Ax T1 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	31

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.1 X 4.0
Freq:	200
Phase:	140
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	587.0
Echo Train Length:	3
Receiver Bandwidth:	27.78

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Thoracic spine

SAT

SAT Location A: A0.9

USER CVS

User CV6: None

User CV9: None

User CV12: 1.00

User CV15: 2.00

User CV16: 1.00

User CV18: None

User CV21: None

User CV30: 1.00

User CV39: 1.00

TR Min: 500.0

TR Max: 850.0

Non-Viewable Parameters

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--Neuro Post Contrast--

Details tab

Protocol notes

--Neuro Post Contrast--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
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:	44.0
Slice Thickness:	6.0
Slice Spacing:	1.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 6.0
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<i>Freq:</i>	320
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off

SCAN TIMING

TE:	90.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00
TR Min:	-
TR Max:	-

T +c Sag T1 Fat DL

Details tab

Protocol notes

T +c Sag T1 Fat DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.8 X 1.0 X 4.0
Freq:	384
Phase:	320
Freq DIR:	A/P
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (P)

SCAN TIMING

Flip Angle:	160
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	5
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Thoracic spine
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SAT

SAT Location A:	P7.9
SAT Location S:	Default
SAT Location I:	Default
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV8:	None
User CV9:	None
User CV12:	1.00
User CV13:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00
TR Min:	500.0
TR Max:	750.0

Non-Viewable Parameters

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T +c Ax T1 DL

Details tab

Protocol notes

T +c Ax T1 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	31

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.1 X 4.0
Freq:	200
Phase:	140
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	587.0
Echo Train Length:	3
Receiver Bandwidth:	27.78

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:

Thoracic spine

SAT

SAT Location A:

A0.9

USER CVS

User CV6:

None

User CV9:

None

User CV12:

1.00

User CV15:

2.00

User CV16:

1.00

User CV18:

None

User CV21:

None

User CV30:

1.00

User CV39:

1.00

TR Min:

500.0

TR Max:

850.0

Non-Viewable Parameters

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T +c Ax T1 FAT DL

Details tab

Protocol notes

T +c Ax T1 FAT DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	31

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.1 X 4.0
Freq:	200
Phase:	140
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	570.0
Echo Train Length:	3
Receiver Bandwidth:	27.78

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:**Thoracic spine****SAT**

SAT Location A: A0.9

Fat/Water Saturation: Fat

USER CVS

User CV6: None

User CV9: None

User CV12: 1.00

User CV13: None

User CV15: 2.00

User CV16: 1.00

User CV18: None

User CV19: 1.00

User CV21: None

User CV30: 1.00

User CV39: 1.00

TR Min: 500.0

TR Max: 850.0

Non-Viewable Parameters

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--MSK Post Contrast--

Details tab

Protocol notes

--MSK Post Contrast--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
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:	44.0
Slice Thickness:	6.0
Slice Spacing:	1.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.4 X 1.7 X 6.0
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<i>Freq:</i>	320
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off

SCAN TIMING

TE:	90.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00
TR Min:	-
TR Max:	-

T +c Sag T1 Fat DL

Details tab

Protocol notes

T +c Sag T1 Fat DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.8 X 1.0 X 4.0
Freq:	384
Phase:	320
Freq DIR:	A/P
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 (P)

SCAN TIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	5
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:**Thoracic spine****SAT**

SAT Location A:	P7.9
SAT Location S:	Default
SAT Location I:	Default
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV9:	None
User CV13:	None
User CV15:	2.00
User CV16:	None
User CV18:	None
User CV19:	1.00
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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T +c Ax T1 FAT DL

Details tab

Protocol notes

T +c Ax T1 FAT DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	31

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.1 X 4.0
Freq:	200
Phase:	140
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	570.0
Echo Train Length:	3
Receiver Bandwidth:	27.78

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:**Thoracic spine****SAT**

SAT Location A: A0.9

Fat/Water Saturation: Fat

USER CVS

User CV6: None

User CV9: None

User CV12: 1.00

User CV13: None

User CV15: 2.00

User CV16: 1.00

User CV18: None

User CV19: 1.00

User CV21: None

User CV30: 1.00

User CV39: 1.00

TR Min: 500.0

TR Max: 850.0

Non-Viewable Parameters

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---trauma---

Details tab

Protocol notes

---trauma---

PATIENT POSITION

Coil Configuration:

GE19chGEMHNUAB,
GE40chGEMPA

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:

32.0

Slice Thickness:

6.0

Slice Spacing:

1.0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:

1.0 X 1.3 X 6.0

<i>Freq:</i>	320
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off

SCAN TIMING

TE:	90.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00
TR Min:	-
TR Max:	-

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Details tab

Protocol notes

T Cor T2 IDEALarc

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, IDEAL, ARC
Pulse Sequence:	FSE-XL
IDEAL:	3
ARC Phase:	2.00

Image Recon

Intensity Correction:	PURE
Intensity Filter:	None

SCAN RANGE

FOV:	32.0
Slice Thickness:	3.0
Slice Spacing:	1.0
Number of Slices:	13
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	1.1 X 1.7 X 3.0
Freq:	288
Phase:	192
Freq DIR:	S/I
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160
TE:	85.0
TR:	4000.0
Echo Train Length:	19
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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SAT

SAT Location A:	Default
SAT Location S:	Default

SAT Location I:**Default****GATING/TRIGGER**

Auto Trigger Type: Off

USER CVS

User CV6: None

User CV8: None

User CV9: None

User CV15: 0

User CV16: None

User CV18: None

User CV21: None

User CV39: 1.00

Non-Viewable Parameters

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Details tab

Protocol notes

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PATIENT POSITION

Coil Configuration:

GE19chGEMHNUAB,
GE40chGEMPA

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:

44.0

Slice Thickness:

6.0

Slice Spacing:

1.0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:

1.4 X 1.7 X 6.0

<i>Freq:</i>	320
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off

SCAN TIMING

TE:	90.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00
TR Min:	-
TR Max:	-

Tsp DWI Sag DL

Details tab

Protocol notes

Tsp DWI Sag DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUAB, GE40chGEMPA
Plane:	SAGITTAL

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, Asset
Pulse Sequence:	DW EPI
Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	32.0
Slice Thickness:	4.00
Slice Spacing:	0.0
Overlap Locations:	0

Number of Slices: 16

ACQ TIMING

Acq Voxel Size:	4.0 X 2.3 X 4.0
Freq:	80
Phase:	140
Freq DIR:	S/I
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCAN TIMING

TE:	Minimum
Number of Echoes:	1
TR:	5000.0
Number of Shots:	1

DIFFUSION

Multi b-values:	600.0;
Optimized TE:	On
Multi NEX Values:	8.0;
Diffusion Directions:	All
Number of Diffusion Directions:	3
Number of T2 Images:	1
NEX For T2:	2.00
Dual Spin Echo:	Off
# Synthetic b-values:	0

Recon All Images: **On**

Real Time Field Adjustment: On

CONTRAST

Contrast Yes/No: No

OTHERS

3D Geometry Correction: Off

Anatomical Region: Thoracic spine

USER CVS

User CV0: 1.00

User CV5: 1.00

User CV7: None

User CV9: None

User CV39: 1.00

Non-Viewable Parameters

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