

T-Spine Adult SIGNA Architect

Technical Instructions

TOP-3Plane Loc

BOT-3Plane Loc

--Neuro Sag T1--

T-Sag T1 FLAIR DL

--MSK Sag T1--

T-Sag T1 DL

--Pre Contrast--

T-Sag T2 DL

T-Sag STIR DL

T-Ax T2 DL

T-Ax T1 DL

T- Ax T2* GRE (PEDS) --

Neuro Post Contrast--T

+C Sag T1 Fat DL

T +C Ax T1 DL

--Peds/Peds Neuro Post--

T +C Ax T1 Fat DL

*+C T Ax LAVA FAT

--MSK Post Contrast--

T+C Sag T1 Fat DL

T +C Ax T1 Fat DL

--trauma--

T-Cor IDEALarc T2

--osseous mets--

T-Sag DWI DL

TOP-3Plane Loc

Details tab

Protocol notes

TOP-3Plane Loc

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	45.0
Slice Thickness:	5.00
Slice Spacing:	10.0
Overlap Locations:	0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	1.2 X 2.8 X 5.0
Freq:	384
Phase:	160
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:	1000.0
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Cervico-thoracic spine

USER CVS

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

Non-Viewable Parameters

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BOT-3Plane Loc

Details tab

Protocol notes

BOT-3Plane Loc

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	45.0
Slice Thickness:	5.0
Slice Spacing:	10.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.2 X 2.8 X 5.0
Freq:	384
Phase:	160
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:	80.0
Number of Echoes:	1
TR:	1000.0
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Thoraco-lumbar spine

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:	None

Non-Viewable Parameters

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--Neuro Sag T1--

Details tab

Protocol notes

--Neuro Sag T1--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 2.3 X 5.0
Freq:	384
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:	1000.0
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Cervical spine

USER CVS

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

Non-Viewable Parameters

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T-Sag T1 FLAIR DL

Details tab

Protocol notes

T-Sag T1 FLAIR DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, Seq, EDR, TRF, Fast, T1flair
Pulse Sequence:	FSE-XL

Image Recon

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

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:	A/P
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (P)

SCAN TIMING

Flip Angle:	142.0
TE:	24.0
Number of Echoes:	1
TR:	2600.0
TI:	809
Echo Train Length:	8
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Lumbar spine
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SAT

SAT Location A:	A5.2
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USER CVS

User CV11:	None
User CV15:	2.00
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	1.00
User CV41:	None

Non-Viewable Parameters

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--MSK Sag T1--

Details tab

Protocol notes

--MSK Sag T1--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 2.3 X 5.0
Freq:	384
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:	1000.0
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Cervical spine

USER CVS

User CV1:	None
User CV2:	240.00
User CV13:	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:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Recon DL Strength:	Medium
Intensity Correction:	SCENIC
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:	A/P
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 (P)

SCAN TIMING

Flip Angle:	120.0
TE:	18.0
Number of Echoes:	1
TR:	750.0
Echo Train Length:	3
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Thoracic spine

SAT

SAT Location A: A17.8

USER CVS

User CV6: None
User CV15: 1.00
User CV16: None
User CV18: None
User CV21: 1.00
User CV26: 1.00
User CV29: 1.00
User CV41: None

Non-Viewable Parameters

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--Pre Contrast--

Details tab

Protocol notes

--Pre Contrast--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 2.3 X 5.0
Freq:	384
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:	1000.0
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Cervical spine

USER CVS

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

Non-Viewable Parameters

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T-Sag T2 DL

Details tab

Protocol notes

T-Sag T2 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

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:	0.7 X 1.0 X 4.0
Freq:	448
Phase:	320
Freq DIR:	A/P
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 (P)

SCAN TIMING

Flip Angle:	142.0
TE:	102.0
Number of Echoes:	1
TR:	2500.0
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: A5.2

USER CVS

User CV6:	None
User CV15:	1.00
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV29:	1.00
User CV41:	None
TR Min:	2500.0
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:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, Seq, EDR, TRF, Fast, IrP
Pulse Sequence:	FSE-XL
PSD Name:	frfse-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:	1.1 X 1.3 X 4.0
Freq:	288
Phase:	256
Freq DIR:	A/P
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 (P)

SCAN TIMING

Flip Angle:	142.0
TE:	42.0
Number of Echoes:	1
TR:	2000.0
TI:	200
Echo Train Length:	14
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Thoracic spine

SAT

SAT Location A: A5.2

USER CVS

User CV15: None
User CV18: None
User CV21: 1.00
User CV26: 1.00
User CV28: None
User CV29: 1.00
User CV40: None
TR Min: 2000.0
TR Max: 15000.0

Non-Viewable Parameters ñ

T-Ax T2 DL

Details tab

Protocol notes

T-Ax T2 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, 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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.8 X 4.0
Freq:	220
Phase:	200
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.70
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Slice
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	140.0
TE:	130.0
Number of Echoes:	1
TR:	4500.0
Echo Train Length:	17
Receiver Bandwidth:	35.71

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Thoracic spine

SAT

SAT Location A: P41.1

USER CVS

User CV6:	None
User CV15:	1.00
User CV16:	None
User CV18:	1.00
User CV21:	None
User CV26:	1.00
User CV29:	1.00
User CV41:	None
TR Min:	4500.0
TR Max:	10000.0

Non-Viewable Parameters

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T-Ax T1 DL

Details tab

Protocol notes

T-Ax T1 DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	220
Phase:	180
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111.0
TE:	18.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
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: P41.1

USER CVS

User CV6:	None
User CV9:	None
User CV15:	2.00
User CV16:	1.00
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	850.0

Non-Viewable Parameters

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T- Ax T2* GRE (PEDS)

Details tab

Protocol notes

T- Ax T2* GRE (PEDS)

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, Fast
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
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.9 X 4.0
Freq:	288
Phase:	192
Freq DIR:	Swap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	20.0
TE:	Min Full
Number of Echoes:	1
TR:	675.0
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Thoracic spine
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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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--Neuro Post Contrast--

Details tab

Protocol notes

--Neuro Post Contrast--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.0
Slice Spacing:	15.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 5.0
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<i>Freq:</i>	384
Phase:	160
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

SCAN TIMING

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Thoracic spine

GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00

<i>User CV13:</i>	<i>1.00</i>
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TR Min:	-
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TR Max:	-
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Non-Viewable Parameters

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T+C Sag T1 Fat DL

Details tab

Protocol notes

T+C Sag T1 Fat DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.0 X 1.3 X 4.0
Freq:	320
Phase:	256
Freq DIR:	A/P
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (P)

SCAN TIMING

Flip Angle:	120.0
TE:	18.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
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:	A17.8
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	1.00

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:	GE19chGEMHNUFace, 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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	220
Phase:	180
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111.0
TE:	18.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
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: P41.1

USER CVS

User CV6:	None
User CV9:	None
User CV15:	2.00
User CV16:	1.00
User CV18:	None
User CV21:	None
User CV26:	1.00
User CV29:	1.00
User CV41:	None
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:	GE19chGEMHNUFace, 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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	220
Phase:	180
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111.0
TE:	18.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
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:	P41.1
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	2.00
User CV16:	1.00
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV29:	1.00
User CV41:	None
TR Min:	500.0
TR Max:	850.0

Non-Viewable Parameters

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*+C T Ax LAVA FAT

Details tab

Protocol notes

*+C T Ax LAVAFAT

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ZIP512, ARC
Pulse Sequence:	LAVA
ARC Phase:	1.50
ARC Slice:	1.00

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	2.00
Slices per Slab:	120
Overlap Locations:	0

Number of Slices:	1
No Slab Wrap:	1.05
No Phase Wrap:	1.50
Slice Resolution(%):	50.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.6 X 3.9
Freq:	240
Phase:	240
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.80
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	15.0
Number of Echoes:	1
Receiver Bandwidth:	90.90

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

3D Geometry Correction:	Off
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Anatomical Region: *Thoraco-lumbar spine*

SAT

SAT Location A: A17.9

USER CVS

User CV4: None
User CV6: None
User CV13: None
User CV40: None

Non-Viewable Parameters ñ

--MSK Post Contrast--

Details tab

Protocol notes

--MSK Post Contrast--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.0
Slice Spacing:	15.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 5.0
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<i>Freq:</i>	384
Phase:	160
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

SCAN TIMING

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Thoracic spine

GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00

User CV13:	1.00
TR Min:	-
TR Max:	-

Non-Viewable Parameters

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T+C Sag T1 Fat DL

Details tab

Protocol notes

T+C Sag T1 Fat DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

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

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:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	1.0 X 1.3 X 4.0
Freq:	320
Phase:	256
Freq DIR:	A/P
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (P)

SCAN TIMING

Flip Angle:	120.0
TE:	18.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
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:	A17.8
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV29:	1.00

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:	GE19chGEMHNUFace, 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:	0.4
Overlap Locations:	0
Number of Slices:	21

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.9 X 4.0
Freq:	220
Phase:	180
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	18.0
Number of Echoes:	1
TR:	588.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Thoracic spine

SAT

SAT Location A: P41.1

Fat/Water Saturation: Fat

USER CVS

User CV6: None

User CV9: None

User CV15: 2.00

User CV16: 1.00

User CV18: None

User CV19: 1.00

User CV21: None

User CV29: 1.00

User CV30: 1.00

User CV41: None

TR Min: 500.0

TR Max: 850.0

Non-Viewable Parameters

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--trauma--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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:	30.0
Slice Thickness:	5.0
Slice Spacing:	15.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 5.0
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<i>Freq:</i>	384
Phase:	160
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature

SCAN TIMING

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Thoracic spine

GATING/TRIGGER

Auto Trigger Type:	Off
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USER CVS

User CV1:	1.0
User CV2:	240.00

User CV13: **1.00**

TR Min: -

TR Max: -

Non-Viewable Parameters

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T-Cor IDEALarc T2

Details tab

Protocol notes

T-Cor IDEALarc T2

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, GE40chGEMPA
Plane:	CORONAL

IMAGING PARAMETERS

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

Image Recon

Intensity Correction:	SCENIC
Intensity Filter:	None
Save Original:	On

SCAN RANGE

FOV:	32.0
Slice Thickness:	3.0
Slice Spacing:	1.0
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.4 X 3.0
Freq:	320
Phase:	224
Freq DIR:	S/I
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	160
TE:	85.0
Number of Echoes:	1
TR:	4000.0
Echo Train Length:	19
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***

USER CVS

User CV6:	None
User CV8:	None
User CV9:	None
User CV15:	0
User CV16:	None
User CV18:	None
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	None

Non-Viewable Parameters

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--osseous mets--

Details tab

Protocol notes

--osseous mets--

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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
Save Original:	Off

SCAN RANGE

FOV:	30.0
Slice Thickness:	5.0
Slice Spacing:	15.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 5.0
Freq:	384
Phase:	160
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:	80.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Thoracic spine

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 DWI DL

Details tab

Protocol notes

T-Sag DWI DL

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUFace, 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

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:	On
Phase Correct:	On
RF Drive Mode:	Preset
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

Non-Viewable Parameters

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