

Csp Adult SIGNA Artist

Technical Instructions

C 3pl loc

C Sag T1 PROPELLER DL

C-Sag STIR PROPELLER DL

Sag T2 Cube (obl on sag to cord)

C Ax T1 DL

C AxT2* Merge

--run for MS patients--

Sag PSIR FSE

--if MERGE or CUBE has motion--

C Ax T2 DL

C Sag T2 PROPELLER DL

--Neuro Post Contrast--

C +c Ax T1 DL

C +c Sag T1 PROPELLER Fat DL

--MSK Post Contrast--

C +c Ax T1 Fat DL

C +c Sag T1 PROPELLER Fat DL

---Trauma----

Cor STIR CUBE

Cor STIR Reformat

Sag 3D FIESTA

---osseous mets----

Csp DWI Sag DL -

C 3pl loc

Details tab

Protocol notes

C 3pl loc

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, Fast, SS, ARC
Pulse Sequence:	Spin Echo
ARC Phase:	1.25

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:	1.2 X 2.3 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
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

Anatomical Region:	Cervical spine
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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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C Sag T1 PROPELLER DL

Details tab

Protocol notes

C Sag T1 PROPELLER DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	PROPELLER
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.80

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 4.0
Freq:	260
Freq DIR:	Unswap
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	160.0
TE:	16.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	4
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A:**P34.2****USER CVS**

User CV6:	None
User CV15:	2.00
User CV16:	1.00
User CV26:	1.00
User CV29:	None
TR Min:	500.0
TR Max:	850.0

Non-Viewable Parameters

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C-Sag STIR PROPELLER DL

Details tab

Protocol notes

C-Sag STIR PROPELLER DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, FR, ARC, IrP
Pulse Sequence:	PROPELLER
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	22.0
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:	0.8 X 0.8 X 4.0
Freq:	260
Freq DIR:	S/I
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160.0
TE:	50.0
Number of Echoes:	1
TR:	3000.0
TI:	160
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A:

P1.8

USER CVS

User CV15:	None
User CV26:	1.00
User CV29:	None
TR Min:	3000.0
TR Max:	5000.0

Non-Viewable Parameters

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Sag T2 Cube (obl on sag to cord)

Details tab

Protocol notes

Sag T2 Cube (obl on sag to cord)

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	FC, EDR, Fast, ZIP1024, FR, ARC
Pulse Sequence:	Cube
ARC Phase:	1.50
ARC Slice:	1.00

Image Recon

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

SCAN RANGE

FOV:	18.0
Slice Thickness:	0.80
Slices per Slab:	90
Overlap Locations:	0
No Slab Wrap:	1.20

No Phase Wrap:	1.50
Slice Resolution(%):	50.00

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 1.6
Freq:	220
Phase:	220
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

TE:	90.0
Number of Echoes:	1
TR:	2000.0
Echo Train Length:	100
Receiver Bandwidth:	90.91

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:

Off

Anatomical Region:

Lumbar spine

USER CVS

User CV22:	2.00
User CV29:	None
User CV32:	None
User CV34:	100.00

Non-Viewable Parameters

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C Ax T1 DL

Details tab

Protocol notes

C Ax T1 DL

PATIENT POSITION

Coil Configuration:	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:	23
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 1.0 X 4.0
Freq:	240
Phase:	160
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:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	655.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A: P10.4

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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C AxT2* Merge

Details tab

Protocol notes

C AxT2* Merge

PATIENT POSITION

Coil Configuration:	GE19chGEMHNUABB, GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, Fast, ZIP512
Pulse Sequence:	MERGE

Image Recon

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

SCAN RANGE

FOV:	18.0
Slice Thickness:	4.00
Slice Spacing:	0.0
Overlap Locations:	0
Number of Slices:	30

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 1.1 X 4.0
Freq:	256
Phase:	160
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.60
Auto Shim:	On
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	25.0
Number of Echoes:	4
TR:	1017.5
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A:	A13.3
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GATING/TRIGGER

Pause After Navigator Prescan: 0

USER CVS

User CV8:	None
User CV19:	2.00
User CV20:	None
TR Min:	400.0
TR Max:	1200.0

Non-Viewable Parameters	ñ
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--run for MS patients--

Details tab

Protocol notes

--run for MS patients--

PATIENT POSITION

Coil Configuration:	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:	1.2 X 2.3 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
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

Anatomical Region:	Cervical spine
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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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Sag PSIR FSE

Details tab

Protocol notes

Sag PSIR FSE

PATIENT POSITION

Coil Configuration:

GE19chGEMHNUFace

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, EDR, TRF, Fast, ZIP1024, PS, T1flair

Pulse Sequence:

FSE-XL

Image Recon

Recon DL Strength:

High

Intensity Correction:

SCENIC

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

15.0

Slice Thickness:

3.00

Slice Spacing:

0.3

Overlap Locations:

0

Number of Slices:

13

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.7 X 1.0 X 3.0
Freq:	224
Phase:	150
Freq DIR:	A/P
NEX:	1.00
Phase FOV:	1.30
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (P)

SCAN TIMING

Flip Angle:	111.0
TE:	Min Full
Number of Echoes:	1
TR:	2186.2
TI:	400
Echo Train Length:	14
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:**Cervical spine****SAT**

SAT Location S: Default

SAT Location I: Default

USER CVS

User CV9: None

User CV11: None

User CV15: 2.00

User CV18: None

User CV21: None

User CV26: 1.00

User CV29: None

Non-Viewable Parameters

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--if MERGE or CUBE has motion--

Details tab

Protocol notes

--if MERGE or CUBE has motion--

PATIENT POSITION

Coil Configuration:	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:	1.2 X 2.3 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
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

Anatomical Region:	Cervical spine
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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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C Ax T2 DL

Details tab

Protocol notes

C Ax T2 DL

PATIENT POSITION

Coil Configuration:	Neo16chRadOncHeadAnt, Neo9chRadOncHeadNeckPos, 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:	23

No Phase Wrap: **2.00**

ACQ TIMING

Acq Voxel Size:	0.6 X 0.9 X 4.0
Freq:	260
Phase:	180
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	0.50
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:	160.0
TE:	102.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	19
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Cervical spine

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:	None
TR Min:	3500.0
TR Max:	6000.0

Non-Viewable Parameters

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C Sag T2 PROPELLER DL

Details tab

Protocol notes

C Sag T2 PROPELLER DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, EDR, TRF, Fast, FR, ARC
Pulse Sequence:	PROPELLER
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.80

ACQ TIMING

Acq Voxel Size:	0.7 X 0.7 X 4.0
Freq:	300
Freq DIR:	S/I
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	Off
Flow Comp Direction:	Freq
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160.0
TE:	140.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	30
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical spine
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USER CVS

User CV6:	None
User CV15:	1.00
User CV26:	1.00
User CV29:	None
TR Min:	2800.0
TR Max:	6000.0

Non-Viewable Parameters

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--Neuro Post Contrast--

Details tab

Protocol notes

--Neuro Post Contrast--

PATIENT POSITION

Coil Configuration:	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:	1.2 X 2.3 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
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

Anatomical Region:	Cervical spine
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USER CVS

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

User CV39:

1.00

Non-Viewable Parameters

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C +c Ax T1 DL

Details tab

Protocol notes

C +c Ax T1 DL

PATIENT POSITION

Coil Configuration:	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:	23
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 1.0 X 4.0
Freq:	240
Phase:	160
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:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	655.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A: P10.4

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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C +c Sag T1 PROPELLER Fat DL

Details tab

Protocol notes

C +c Sag T1 PROPELLER Fat DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	PROPELLER
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.80

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 4.0
Freq:	260
Freq DIR:	S/I
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160.0
TE:	16.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	4
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A:	P34.2
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV13:	None
User CV15:	2.00
User CV16:	1.00
User CV19:	1.00
User CV26:	1.00
User CV29:	None
TR Min:	500.0
TR Max:	850.0

Non-Viewable Parameters	ñ
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--MSK Post Contrast--

Details tab

Protocol notes

--MSK Post Contrast--

PATIENT POSITION

Coil Configuration:	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:	1.2 X 2.3 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
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

Anatomical Region:	Cervical spine
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USER CVS

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

User CV39: *1.00*

Non-Viewable Parameters ñ

C +c Ax T1 Fat DL

Details tab

Protocol notes

C +c Ax T1 Fat DL

PATIENT POSITION

Coil Configuration:	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:	23
No Phase Wrap:	2.00

ACQ TIMING

Acq Voxel Size:	0.7 X 1.0 X 4.0
Freq:	240
Phase:	160
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:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	Min Full
Number of Echoes:	1
TR:	579.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A:	P10.4
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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C +c Sag T1 PROPELLER Fat DL

Details tab

Protocol notes

C +c Sag T1 PROPELLER Fat DL

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ARC
Pulse Sequence:	PROPELLER
ARC Phase:	2.00

Image Recon

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

SCAN RANGE

FOV:	22.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	1

No Phase Wrap:

1.80

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 4.0
Freq:	260
Freq DIR:	S/I
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	160.0
TE:	16.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	4
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Cervical spine
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SAT

SAT Location A: **P34.2**

Fat/Water Saturation: Fat

USER CVS

User CV6: None

User CV13: None

User CV15: 2.00

User CV16: 1.00

User CV19: 1.00

User CV26: 1.00

User CV29: None

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:	GE40chGEMPA
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, Fast, SS
Pulse Sequence:	Spin Echo

Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

SCAN RANGE

FOV:	26.0
Slice Thickness:	5.0
Slice Spacing:	0.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 2.0 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

SCAN TIMING

Receiver Bandwidth:	83.33
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CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical 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:	-

Non-Viewable Parameters

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Cor STIR CUBE

Details tab

Protocol notes

Cor STIR CUBE

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ZIP512, ARC, HS, IrP
Pulse Sequence:	Cube
ARC Phase:	1.50
ARC Slice:	1.25
HyperSense:	1.10

Image Recon

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

SCAN RANGE

FOV:	24.0
Slice Thickness:	1.00
Slices per Slab:	100
Overlap Locations:	0

Number of Slices:	1
No Slab Wrap:	1.12
Slice Resolution(%):	100.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.0 X 1.0
Freq:	240
Phase:	240
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Focus
Fat Shift DIR:	Normal

SCAN TIMING

TE:	80.0
Number of Echoes:	1
TR:	2573.0
TI:	240
Echo Train Length:	100
Receiver Bandwidth:	41.67

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	On
Anatomical Region:	Neck

USER CVS

User CV23:	None
User CV32:	None
User CV34:	100.00

Non-Viewable Parameters	ñ
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Cor STIR Reformat

Details tab

Protocol notes

Cor STIR Reformat

Cor STIR CUBE

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Field of View:	24.0
Spacing:	3.0
Thickness:	3.0
Save Direction:	P -> A
Render Mode:	Average
Series Description:	Cor STIR Reformat

Use Scan Fov:	Off
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Non-Viewable Parameters

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Sag 3D FIESTA

Details tab

Protocol notes

Sag 3D FIESTA

PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	SAGITTAL

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ZIP512
Pulse Sequence:	Fiesta-C

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	0.7
Slices per Slab:	92
Overlap Locations:	0
No Phase Wrap:	1.50
Slice Resolution(%):	50

ACQ TIMING

Acq Voxel Size:	0.5 X 0.5 X 1.4
Freq:	256
Phase:	256
Freq DIR:	S/I
NEX:	0.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	60
TE:	Minimum
Number of Echoes:	1
Receiver Bandwidth:	35.71

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	On
Anatomical Region:	Internal Auditory Canal

USER CVS

User CV5:	None
User CV16:	4.00

User CV30:

1.00

Non-Viewable Parameters

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Details tab

Protocol notes

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PATIENT POSITION

Coil Configuration:	GE40chGEMPA
Plane:	3-PLANE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, Fast, SS
Pulse Sequence:	Spin Echo

Image Recon

Intensity Correction:	NONE
Intensity Filter:	None

SCAN RANGE

FOV:	26.0
Slice Thickness:	5.0
Slice Spacing:	0.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 2.0 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

SCAN TIMING

Receiver Bandwidth:	83.33
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CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Cervical 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:	-

Non-Viewable Parameters

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Csp DWI Sag DL

Details tab

Protocol notes

Csp DWI Sag DL

PATIENT POSITION

Coil Configuration:	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:	24.0
Slice Thickness:	4.00
Slice Spacing:	0.0
Overlap Locations:	0
Number of Slices:	15

ACQ TIMING

Acq Voxel Size:	3.0 X 1.7 X 4.0
Freq:	80
Phase:	140
Freq DIR:	A/P
Phase FOV:	1.00
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: Cervical 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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