

Neurogram Peroneal Knee/Proximal Calf SIGNA Architect

Technical Instructions

3-Plane Loc

Ax T1 DL

Ax T2 fat DL

Sag 3D MENSA Nerve

Ax 3D MENSA Nerve

ltd Sag T2 IDEAL

Sag PD Fat DL

--opt contrast--

+C Ax T1 fat DL

3-Plane Loc

Details tab

Protocol notes

3-Plane Loc

PATIENT POSITION

Coil Configuration:	Neo16chFlexL
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	40.0
Slice Thickness:	5.00
Slice Spacing:	5.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	1.0 X 1.6 X 5.0
Freq:	384
Phase:	256
Freq DIR:	Unswap
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective

SCAN TIMING

TE:	80.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Knee
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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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Ax T1 DL

Details tab

Protocol notes

Ax T1 DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexL
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	18.0
Slice Thickness:	3.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.25

ACQ TIMING

Acq Voxel Size:	0.5 X 0.7 X 3.0
Freq:	384
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region: Knee

SAT

SAT Location S: Default

SAT Location I: Default

USER CVS

User CV6: None

User CV9: None

User CV15: None

User CV16: None

User CV18: None

User CV21: None

User CV26: 1.00

User CV41: None

Non-Viewable Parameters

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Ax T2 fat DL

Details tab

Protocol notes

Ax T2 fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexL
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:	SCENIC
Intensity Filter:	None
Save Original:	Off

SCAN RANGE

FOV:	18.0
Slice Thickness:	3.00
Slice Spacing:	1.0
Overlap Locations:	0
Number of Slices:	47
No Phase Wrap:	1.25

ACQ TIMING

Acq Voxel Size:	0.5 X 0.7 X 3.0
Freq:	384
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Slice
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	16
Receiver Bandwidth:	50.00

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Knee

SAT

Fat/Water Saturation:	Fat
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USER CVS

User CV6:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00
User CV41:	None

Non-Viewable Parameters	ñ
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Sag 3D MENSA Nerve

Details tab

Protocol notes

Sag 3D MENSA Nerve

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	CORONAL

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ZIP512, SSRF, ARC, HS
Pulse Sequence:	Gradient Echo
PSD Name:	mensa_nerve
ARC Phase:	2.00
ARC Slice:	1.00
HyperSense:	1.50

Image Recon

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

SCAN RANGE

FOV:	18.0
Slice Thickness:	0.80
Slices per Slab:	170

Overlap Locations:	0
No Slab Wrap:	1.03
No Phase Wrap:	1.50
Slice Resolution(%):	80.00

ACQ TIMING

Acq Voxel Size:	0.7 X 0.7 X 1.0
Freq:	256
Phase:	256
Freq DIR:	S/I
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	35.0
Number of Echoes:	2
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Arm
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USER CVS

User CV4:	None
User CV6:	1.00
User CV34:	100.00
User CV41:	None

Non-Viewable Parameters

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Ax 3D MENSA Nerve

Details tab

Protocol notes

Ax 3D MENSA Nerve

PATIENT POSITION

Coil Configuration:	GE20chFlexM
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	3D
Imaging Options:	EDR, Fast, ZIP512, SSRF, ARC, HS
Pulse Sequence:	Gradient Echo
PSD Name:	mensa_nerve
ARC Phase:	2.00
ARC Slice:	1.30
HyperSense:	1.50

Image Recon

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	1.20
Slices per Slab:	170

Overlap Locations:	0
Number of Slices:	1
No Slab Wrap:	1.03
No Phase Wrap:	1.50
Slice Resolution(%):	80.00

ACQ TIMING

Acq Voxel Size:	0.6 X 0.6 X 1.5
Freq:	288
Phase:	288
Freq DIR:	R/L
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective

SCAN TIMING

Flip Angle:	35.0
Number of Echoes:	2
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Arm
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USER CVS

User CV4:	None
User CV6:	1.00
User CV34:	100.00
User CV41:	None

Non-Viewable Parameters

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Itd Sag T2 IDEAL

Details tab

Protocol notes

Itd Sag T2 IDEAL

PATIENT POSITION

Coil Configuration:

Neo16chFlexL

Plane:

OBLIQUE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

EDR, TRF, Fast, FR, IDEAL, ARC

Pulse Sequence:

FSE-XL

IDEAL:

3

ARC Phase:

2.00

Image Recon

Recon DL Strength:

Off

Intensity Correction:

PURE

Intensity Filter:

None

Save Original:

Off

SCAN RANGE

FOV:

20.0

Slice Thickness:

2.00

Slice Spacing:

Intleave

Overlap Locations:

0

Number of Slices:

20

No Phase Wrap: **1.00**

ACQ TIMING

Acq Voxel Size:	0.6 X 0.8 X 2.0
Freq:	320
Phase:	256
Freq DIR:	S/I
NEX:	2.00
Phase FOV:	0.60
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	111
TE:	80.0
Number of Echoes:	1
TR:	2829.0
Echo Train Length:	21
Receiver Bandwidth:	31.25

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
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Anatomical Region:	Knee
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USER CVS

User CV6:	None
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User CV9:	None
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User CV15:	None
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User CV18:	None
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User CV21:	1.00
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User CV30:	1.00
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User CV40:	None
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TR Min:	2500.0
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TR Max:	11000.0
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Non-Viewable Parameters

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Sag PD Fat DL

Details tab

Protocol notes

Sag PD Fat DL

PATIENT POSITION

Coil Configuration:	QED18chKnee
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.3
Overlap Locations:	0
Number of Slices:	34

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.4 X 3.0
Freq:	384
Phase:	312
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:	142
TE:	22.0
Number of Echoes:	1
TR:	4892.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Knee

SAT

SAT Location S:	Default
SAT Location I:	Default
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV30:	1.00
User CV41:	None
TR Min:	2500.0
TR Max:	5000.0

Non-Viewable Parameters

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