

Neurogram Elbow or Wrist SIGNA Architect

Technical Instructions

--Add NPW if by side--

Lt 3PI Loc

Rt 3PI Loc

Ax T1 DL

Ax T2 Fat DL

Sag 3D MENSA Nerve

Ax 3D MENSA Nerve

Cor T2 Fat DL

SAG T2 IDEALarc

-opt contrast (inf/ca)--

+C Ax T1 Fat DL

+C Cor T1 Fat DL

Lt 3PI Loc

Details tab

Protocol notes

Lt 3PI Loc

PATIENT POSITION

Coil Configuration:

Neo16chFlexS

Plane:

3-PLANE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, EDR, TRF, 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:

8.00

Slice Spacing:

5.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 8.0
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:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Elbow
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USER CVS

User CV1:	1.00
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Rt 3PILoc

Details tab

Protocol notes

Rt 3PILoc

PATIENT POSITION

Coil Configuration:

Neo16chFlexS

Plane:

3-PLANE

IMAGING PARAMETERS

Imaging Mode:

2D

Imaging Options:

Seq, EDR, TRF, 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:

8.00

Slice Spacing:

5.0

Overlap Locations:

0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.9 X 8.0
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:	Minimum
Receiver Bandwidth:	83.33

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Elbow
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USER CVS

User CV1:	1.00
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Ax T1 DL

Details tab

Protocol notes

Ax T1 DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
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:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	20

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.4 X 0.6 X 3.0
Freq:	384
Phase:	224
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:**Elbow**

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:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	10

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 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:	111.0
TE:	85.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	19
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Elbow

SAT

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

USER CVS

User CV6:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV40:	None
TR Min:	2800.0
TR Max:	11000.0

Non-Viewable Parameters

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Sag 3D MENSA Nerve

Details tab

Protocol notes

Sag 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:	14.0
Slice Thickness:	0.80
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:	0.5 X 0.5 X 1.0
Freq:	256
Phase:	256
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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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, 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:10.0

Slice Thickness:1.40

Slices per Slab:100

Overlap Locations:	0
Number of Slices:	1
No Slab Wrap:	1.03
No Phase Wrap:	1.50
Slice Resolution(%):	100.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.3 X 1.4
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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Cor T2 Fat DL

Details tab

Protocol notes

Cor T2 Fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	43

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 2.0
Freq:	384
Phase:	256
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (R)

SCAN TIMING

Flip Angle:	111.0
TE:	80.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	19
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Elbow

SAT

Fat/Water Saturation:	Fat Classic
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USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV26:	1.00
User CV40:	None

Non-Viewable Parameters

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SAG T2 IDEALarc

Details tab

Protocol notes

SAG T2 IDEALarc

PATIENT POSITION

Coil Configuration:	RFT8chFootAnkle
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	14

No Phase Wrap: **2.00**

ACQ TIMING

Acq Voxel Size:	0.4 X 0.6 X 3.0
Freq:	384
Phase:	224
Freq DIR:	R/L
NEX:	0.50
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	125.0
TE:	85.0
Number of Echoes:	1
TR:	3000.0
Echo Train Length:	7
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Elbow
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USER CVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV17:	1.00
User CV18:	None
User CV21:	1.00
User CV26:	1.00
User CV30:	1.00
User CV41:	None

Non-Viewable Parameters

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+C Ax T1 Fat DL

Details tab

Protocol notes

+C Ax T1 Fat DL

PATIENT POSITION

Coil Configuration: Neo16chFlexS

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: 14.0

Slice Thickness: 3.00

Slice Spacing: 0.2

Overlap Locations: 0

Number of Slices: 10

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 3.0
Freq:	384
Phase:	256
Freq DIR:	R/L
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
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:**Elbow****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 CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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+C Cor T1 Fat DL

Details tab

Protocol notes

+C Cor T1 Fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	FC, 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:	14.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	12

No Phase Wrap:

1.50

ACQ TIMING

Acq Voxel Size:	0.4 X 0.5 X 2.0
Freq:	384
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
Flow Comp Direction:	Freq
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
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:	Elbow
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SAT

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

USER CVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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