

Neurogram Peroneal Knee/Proximal Calf 1.5T

Technical Instructions

Rt 3-Plane Loc

Lt 3-Plane Loc

Ax T1 DL

Ax T2 fat DL

3D Sag MENSA Flip 35

3D Ax MENSA Flip 35

ltd Sag T2 IDEAL

Sag PD Fat DL

--opt contrast--

+C Ax T1 fat DL

Rt 3-Plane Loc

Detailstab

Protocolnotes

Rt 3-Plane Loc

PATIENTPOSITION

Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D
Imaging Options: Seq, EDR, TRF, Fast, SS, ARC
Pulse Sequence: Spin Echo
ARC Phase: 2.00

ImageRecon

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

SCANRANGE

FOV: 40.0
Slice Thickness: 5.00
Slice Spacing: 10.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

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:	Quadrature
Excitation Mode:	Selective

SCANTIMING

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

CONTRAST

Contrast Yes/No:	No
------------------	----

OTHERS

Anatomical Region:	Knee
--------------------	------

USERCVS

User CV1:	1.00
User CV39:	1.00

Lt 3-Plane Loc

Detailstab

Protocolnotes

Lt 3-Plane Loc

PATIENTPOSITION

Plane: 3-PLANE

IMAGINGPARAMETERS

Imaging Mode: 2D
Imaging Options: Seq, EDR, TRF, Fast, SS, ARC
Pulse Sequence: Spin Echo
ARC Phase: 2.00

ImageRecon

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

SCANRANGE

FOV: 40.0
Slice Thickness: 5.00
Slice Spacing: 10.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

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:	Quadrature
Excitation Mode:	Selective

SCANTIMING

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

CONTRAST

Contrast Yes/No:	No
------------------	----

OTHERS

Anatomical Region:	Knee
--------------------	------

USERCVS

User CV1:	1.00
User CV39:	1.00

Ax T1 DL

Detailstab

Protocolnotes

Ax T1 DL

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

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

ACQTIMING

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
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160
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
------------------	----

OTHERS

Anatomical Region: Knee

SAT

SAT Location S: Default

SAT Location I: Default

USERCVS

User CV6: None

User CV8: 1.00

User CV9: None

User CV12: 1.00

User CV15: None

User CV16: None

User CV18: None

User CV21: None

User CV30: 1.00

User CV39: 1.00

Non-Viewable Parameters

ñ

Ax T2 fat DL

Detailstab

Protocolnotes

Ax T2 fat DL

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

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

ACQTIMING

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
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCANTIMING

Flip Angle:	160
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
------------------	----

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Knee

SAT

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

USERCVS

User CV6:	None
User CV8:	1.00
User CV12:	1.00
User CV13:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00

Non-Viewable Parameters



3D Sag MENSA Flip 35

Detailstab

Protocolnotes

3D Sag MENSA Flip 35

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 18.0
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

ACQTIMING

Acq Voxel Size:	0.7 X 0.7 X 0.8
Freq:	256
Phase:	256
Freq DIR:	A/P
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

Flip Angle:	35
Number of Echoes:	2
Receiver Bandwidth:	50.00

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
------------------	----

OTHERS

Anatomical Region: Knee

USERCVS

User CV4: None

User CV6: 1.00

User CV30: 1.00

User CV34: 78.00

Non-Viewable Parameters

ñ

3D Ax MENSA Flip 35

Detailstab

Protocolnotes

3D Ax MENSA Flip 35

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 16.0
Slice Thickness: 0.80
Slices per Slab: 174
Overlap Locations: 0

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

ACQTIMING

Acq Voxel Size: 0.6 X 0.6 X 0.8
Freq: 288
Phase: 288
Freq DIR: A/P
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective

SCANTIMING

Flip Angle: 35
Number of Echoes: 2
Receiver Bandwidth: 50.00

AIRx

Anatomical Reference: None
Anatomical Plane: None

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Knee

USERCVS

User CV4: None

User CV6: 1.00

User CV30: 1.00

User CV34: 78.00

Non-Viewable Parameters

ñ

Itd Sag T2 IDEAL

Detailstab

Protocolnotes

Itd Sag T2 IDEAL

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 18.0
Slice Thickness: 2.00
Slice Spacing: Intleave
Overlap Locations: 0
Number of Slices: 20

No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size: 0.6 X 0.7 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
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

SCANTIMING

Flip Angle: 160
TE: 80.0
Number of Echoes: 1
TR: 3290.0
Echo Train Length: 21
Receiver Bandwidth: 31.25

AIRx

Anatomical Reference: None
Anatomical Plane: None

CONTRAST

Contrast Yes/No: **No**

OTHERS

3D Geometry Correction: Off
Anatomical Region: Knee

USERCVS

User CV6: None
User CV8: 1.00
User CV9: None
User CV12: 1.00
User CV15: None
User CV18: None
User CV21: 1.00
User CV30: 1.00
User CV39: 1.00
TR Min: 2500.0
TR Max: 11000.0

Non-Viewable Parameters

ñ

Sag PD Fat DL

Detailstab

Protocolnotes

Sag PD Fat DL

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 14.0
Slice Thickness: 3.00
Slice Spacing: 0.3
Overlap Locations: 0
Number of Slices: 34
No Phase Wrap: 2.00

ACQTIMING

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)

SCANTIMING

Flip Angle:	160
TE:	22.0
Number of Echoes:	1
TR:	3975.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	No
------------------	----

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Knee

SAT

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

USERCVS

User CV6:	None
User CV8:	1.00
User CV9:	None
User CV12:	1.00
User CV13:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00
User CV30:	1.00
User CV39:	1.00
TR Min:	2500.0
TR Max:	5000.0

--opt contrast--

Detailstab

Protocolnotes

--opt contrast--

PATIENTPOSITION

Plane: 3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

Intensity Correction: NONE
Intensity Filter: None

SCANRANGE

FOV: 40.0
Slice Thickness: 5.0
Slice Spacing: 5.0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size: 1.0 X 1.6 X 5.0
Freq: 384
Phase: 256

<i>Freq DIR:</i>	<i>Unswap</i>
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

SCANTIMING

TE:	80.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
------------------	----

OTHERS

Anatomical Region:	Knee
--------------------	------

GATING/TRIGGER

Auto Trigger Type:	Off
--------------------	-----

USERCVS

User CV1:	1.0
User CV2:	240.00
User CV13:	1.00
User CV15:	None

User CV39:

1.00

Non-Viewable Parameters

ñ

+C Ax T1 fat DL

Detailstab

Protocolnotes

+C Ax T1 fat DL

PATIENTPOSITION

Plane: OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV: 18.0
Slice Thickness: 3.00
Slice Spacing: 1.0
Overlap Locations: 0
No Phase Wrap: 1.00

ACQTIMING

Acq Voxel Size:	0.5 X 0.9 X 3.0
Freq:	384
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	111
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	4
Receiver Bandwidth:	31.25

AIRx

Anatomical Reference:	None
Anatomical Plane:	None

CONTRAST

Contrast Yes/No:	Yes
------------------	-----

OTHERS

Anatomical Region:

Knee

SAT

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

USERCVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00
User CV41:	None

Non-Viewable Parameters

ñ