

Wrist Pain or Scaphoid Fx OP SIGNA Architect

Technical Instructions

3-PLANE LOC

AX T1 DL

AX T2 cl fat DL

COR PD DL

COR T2 cl fat DL

SAG T2 cl fat DL

--pain--

Cor T2 Cube Fat DL

--Scaphoid Fx OP--

SAG T1 DL

Cor oZTEo MR Bone

3-PLANE LOC

Details tab

Protocol notes

3-PLANE LOC

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
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 1.2 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:	85.0
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

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:	Neo16chFlexS
Plane:	AXIAL

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:	10.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.4 X 3.0
Freq:	288
Phase:	256
Freq DIR:	A/P
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (A)

SCAN TIMING

Flip Angle:	111.0
TE:	16.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Wrist joint
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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 cl fat DL

Details tab

Protocol notes

AX T2 cl fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, 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:	10.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	15
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.3 X 3.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	68.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	12
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Wrist joint
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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:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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COR PD DL

Details tab

Protocol notes

COR PD DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	CORONAL

IMAGING PARAMETERS

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

Image Recon

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

SCAN RANGE

FOV:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	23

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.3 X 2.0
Freq:	356
Phase:	356
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	20.0
Number of Echoes:	1
TR:	1539.0
Echo Train Length:	6
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:**Wrist joint****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
TR Min:	1500.0
TR Max:	2000.0

Non-Viewable Parameters

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COR T2 cl fat DL

Details tab

Protocol notes

COR T2 cl fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, 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:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	15
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.3 X 2.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	68.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	12
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Wrist joint
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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:	None
User CV26:	1.00
User CV41:	None

Non-Viewable Parameters

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SAG T2 cl fat DL

Details tab

Protocol notes

SAG T2 cl fat DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, 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:	12.0
Slice Thickness:	3.00
Slice Spacing:	0.5
Overlap Locations:	0
Number of Slices:	15
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.4 X 3.0
Freq:	320
Phase:	288
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCAN TIMING

Flip Angle:	111.0
TE:	68.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	12
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Wrist joint
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SAT

Fat/Water Saturation:***Fat Classic*****USER CVS**

User CV6:	None
User CV9:	None
User CV15:	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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--pain--

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
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:	5.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.2 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

SCAN TIMING

TE:	85.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

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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Cor T2 Cube Fat DL

Details tab

Protocol notes

Cor T2 Cube Fat DL

PATIENT POSITION

Coil Configuration:QED16chHandWrist

Plane:CORONAL

IMAGING PARAMETERS

Imaging Mode:3D

Imaging Options:EDR, Fast, ZIP512, FR, ARC

Pulse Sequence:Cube

ARC Phase:2.00

ARC Slice:2.00

Image Recon

Recon DL Strength:Medium

Intensity Correction:SCENIC

Intensity Filter:None

Save Original:Off

SCAN RANGE

FOV:10.0

Slice Thickness:0.30

Slices per Slab:152

Overlap Locations:0

No Slab Wrap:1.05

No Phase Wrap:	1.00
Slice Resolution(%):	50.00

ACQ TIMING

Acq Voxel Size:	0.4 X 0.4 X 0.6
Freq:	224
Phase:	224
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Single
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

TE:	35.0
Number of Echoes:	1
TR:	1500.0
Echo Train Length:	30
Receiver Bandwidth:	62.50

TRACKER

Tracker Length:	200.0
Tracker Thickness:	20.0

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

SAT

Fat/Water Saturation:	Fat
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USER CVS

User CV5:	0.70
User CV12:	70.00
User CV22:	1.00
User CV32:	None
User CV34:	100.00
User CV41:	None

Non-Viewable Parameters

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--Scaphoid Fx OP--

Details tab

Protocol notes

--Scaphoid Fx OP--

PATIENT POSITION

Coil Configuration:

Neo16chFlexS

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:

5.0

No Phase Wrap:

1.00

ACQ TIMING

Acq Voxel Size:

0.8 X 1.2 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

SCAN TIMING

TE:	85.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

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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SAG T1 DL

Details tab

Protocol notes

SAG T1 DL

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
Plane:	SAGITTAL

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:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.4 X 2.0
Freq:	288
Phase:	256
Freq DIR:	S/I
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature (CP)
Excitation Mode:	Selective
Fat Shift DIR:	Normal (S)

SCAN TIMING

Flip Angle:	111.0
TE:	16.0
Number of Echoes:	1
TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Wrist joint
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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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Cor oZTEo MR Bone

Details tab

Protocol notes

Cor oZTEo MR Bone

PATIENT POSITION

Coil Configuration:Inv16chShoulder

Plane:CORONAL

IMAGING PARAMETERS

Imaging Mode:3D

Imaging Options:Fast, SqP

Pulse Sequence:SPGR

PSD Name:ozteo

Image Recon

Recon DL Strength:Off

Intensity Correction:SCENIC

Intensity Filter:G - Noise reduction

Save Original:On

SCAN RANGE

FOV:14.0

Slice Thickness:1.00

Overlap Locations:0

No Slab Wrap:1.00

Slice Resolution(%):100.00

ACQ TIMING

Acq Voxel Size:	0.8 X 0.8 X 1.0
Freq:	180
Freq DIR:	S/I
NEX:	5.60
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Spokes Per Segment:	384

SCAN TIMING

Flip Angle:	1
Number of Echoes:	1
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Shoulder

GATING/TRIGGER

Pause After Navigator Prescan:	0
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USER CVS

User CV4:	None
User CV41:	None

Non-Viewable Parameters

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--old pain--

Details tab

Protocol notes

--old pain--

PATIENT POSITION

Coil Configuration:	Neo16chFlexS
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:	5.0
No Phase Wrap:	1.00

ACQ TIMING

Acq Voxel Size:	0.8 X 1.2 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

SCAN TIMING

TE:	85.0
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

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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SL-AX PD dk fat DL

Details tab

Protocol notes

SL-AX PD dk 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:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	27

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.4 X 2.0
Freq:	320
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	35.0
Number of Echoes:	1
TR:	2600.0
Echo Train Length:	8
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Wrist joint

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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LL-AX PD dk fat DL

Details tab

Protocol notes

LL-AX PD dk 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:	10.0
Slice Thickness:	2.00
Slice Spacing:	0.2
Overlap Locations:	0
Number of Slices:	27

No Phase Wrap:

2.00

ACQ TIMING

Acq Voxel Size:	0.3 X 0.4 X 2.0
Freq:	320
Phase:	256
Freq DIR:	S/I
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal (I)

SCAN TIMING

Flip Angle:	111.0
TE:	35.0
Number of Echoes:	1
TR:	2600.0
Echo Train Length:	8
Receiver Bandwidth:	50.00

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:

Wrist joint

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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