

SHOULDER ROUTINE (RCT Labral Tear) SIGNA Artist

Technical Instructions

LT 3PL Loc

RT 3PL Loc

Obl Cor T2 Fat PROPELLER

Obl Sag T2 Fat PROPELLER

OBL SAG T1 DL

DBL Obl SAG T2 Fat DL

Obl AX PD Fat DL

--Synovitis--

Synov Strt AX T1 Fat DL

Synov+C Strt AX T1 Fat DL

Synov+C Obl COR T1 Fat DL

LT 3PL Loc

Detailstab

Protocolnotes

LT 3PL Loc

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	3-PLANE

IMAGINGPARAMETERS

Imaging Mode:	2D
Imaging Options:	Seq, EDR, 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:	34.0
Slice Thickness:	8.00
Slice Spacing:	5.0
Overlap Locations:	0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	1.3 X 2.1 X 8.0
Freq:	256
Phase:	160
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:	Minimum
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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USERCVS

User CV1:	1.00
User CV2:	240.00

User CV13:

1.00

Non-Viewable Parameters

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RT 3PL Loc

Detailstab

Protocolnotes

RT 3PL Loc

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	34.0
Slice Thickness:	8.00
Slice Spacing:	5.0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	1.3 X 2.1 X 8.0
Freq:	256
Phase:	160
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:	Minimum
Number of Echoes:	1
TR:	Minimum
Receiver Bandwidth:	62.50

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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USERCVS

User CV1:	1.00
User CV2:	240.00
User CV13:	1.00
User CV16:	None

User CV39:

1.00

Non-Viewable Parameters

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Obl Cor T2 Fat PROPELLER

Detailstab

Protocolnotes

Obl Cor T2 Fat PROPELLER

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ARC

Pulse Sequence: PROPELLER

ARC Phase: 2.00

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 14.0

Slice Thickness: 4.00

Slice Spacing: 0.4

Overlap Locations: 0

Number of Slices: 16

No Phase Wrap: 1.50

ACQTIMING

Freq: 288
Freq DIR: R/L
NEX: 2.00
Auto Shim: On
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCANTIMING

Flip Angle: 140.0
TE: 54.0
Number of Echoes: 1
TR: 2800.0
Echo Train Length: 11
Receiver Bandwidth: 41.67

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Shoulder

SAT

Fat/Water Saturation: Fat Classic

GATING/TRIGGER

Resp. Trigger Point:	30
Resp. Trigger Window:	10

USERCVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV19:	1.00
TR Min:	2800.0
TR Max:	10000.0

Non-Viewable Parameters

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Obl Sag T2 Fat PROPELLER

Detailstab

Protocolnotes

Obl Sag T2 Fat PROPELLER

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	OBLIQUE

IMAGINGPARAMETERS

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

ImageRecon

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

SCANRANGE

FOV:	14.0
Slice Thickness:	4.00
Slice Spacing:	0.4
Overlap Locations:	0
Number of Slices:	16

No Phase Wrap: 1.50

ACQTIMING

Freq: 288
Freq DIR: R/L
NEX: 2.00
Auto Shim: On
Phase Correct: Off
RF Drive Mode: Quadrature
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

SCANTIMING

Flip Angle: 140.0
TE: 54.0
Number of Echoes: 1
TR: 2800.0
Echo Train Length: 11
Receiver Bandwidth: 41.67

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Shoulder

SAT

Fat/Water Saturation: Fat Classic

GATING/TRIGGER

Resp. Trigger Point:	30
Resp. Trigger Window:	10

USERCVS

User CV6:	None
User CV15:	None
User CV16:	None
User CV19:	1.00
TR Min:	2800.0
TR Max:	10000.0

Non-Viewable Parameters

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OBL SAG T1 DL

Detailstab

Protocolnotes

OBL SAG T1 DL

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ZIP512

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 14.0

Slice Thickness: 4.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.50

ACQTIMING

Acq Voxel Size:	0.5 X 0.6 X 4.0
Freq:	288
Phase:	224
Freq DIR:	Unswap
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	20.0
Number of Echoes:	1
TR:	600.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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USERCVS

User CV6:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV21:	None

Non-Viewable Parameters

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DBL ObI SAG T2 Fat DL

Detailstab

Protocolnotes

DBL ObI SAG T2 Fat DL

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	OBLIQUE

IMAGINGPARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512, 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:	14.0
Slice Thickness:	3.00
Slice Spacing:	0.2
Overlap Locations:	0
No Phase Wrap:	1.50

ACQTIMING

Acq Voxel Size:	0.5 X 0.5 X 3.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	54.0
Number of Echoes:	1
TR:	2700.0
Echo Train Length:	11
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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Fat/Water Saturation:

Fat Classic

USERCVS

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None

Non-Viewable Parameters

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Obl AX PD Fat DL

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Protocolnotes

Obl AX PD Fat DL

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ZIP512, FR, 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: 14.0

Slice Thickness: 4.00

Slice Spacing: 0.4

Overlap Locations: 0

No Phase Wrap: 2.00

ACQTIMING

Acq Voxel Size:	0.5 X 0.5 X 4.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160.0
TE:	35.0
Number of Echoes:	1
TR:	1800.0
Echo Train Length:	7
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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Fat/Water Saturation:

Fat Classic

USERCVS

User CV6:	None
User CV7:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	1.00

Non-Viewable Parameters

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--Synovitis--

Detailstab

Protocolnotes

--Synovitis--

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	3-PLANE

IMAGINGPARAMETERS

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

ImageRecon

Intensity Correction:	NONE
Intensity Filter:	None

SCANRANGE

FOV:	34.0
Slice Thickness:	8.0
Slice Spacing:	5.0
No Phase Wrap:	1.00

ACQTIMING

Acq Voxel Size:	1.3 X 2.1 X 8.0
Freq:	256

Phase: 160
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: Minimum
TR: Minimum
Receiver Bandwidth: 62.50

CONTRAST

Contrast Yes/No: No

OTHERS

Anatomical Region: Shoulder

GATING/TRIGGER

Auto Trigger Type: Off

USERCVS

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

Synov Strt AX T1 Fat DL

Detailstab

Protocolnotes

Synov Strt AX T1 Fat DL

PATIENTPOSITION

Coil Configuration:	Neo16chFlexM
Plane:	AXIAL

IMAGINGPARAMETERS

Imaging Mode:	2D
Imaging Options:	EDR, TRF, Fast, ZIP512
Pulse Sequence:	FSE-XL

ImageRecon

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

SCANRANGE

FOV:	14.0
Slice Thickness:	4.00
Slice Spacing:	1.0
Overlap Locations:	0
No Phase Wrap:	1.50

ACQTIMING

Acq Voxel Size:	0.5 X 0.5 X 4.0
Freq:	288
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCANTIMING

Flip Angle:	160.0
TE:	17.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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SAT

Fat/Water Saturation:

Fat Classic

USERCVS

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

Non-Viewable Parameters

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Synov+C Strt AX T1 Fat DL

Detailstab

Protocolnotes

Synov+C Strt AX T1 Fat DL

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: AXIAL

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ZIP512

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 14.0

Slice Thickness: 4.00

Slice Spacing: 1.0

Overlap Locations: 0

No Phase Wrap: 1.50

ACQTIMING

Acq Voxel Size:	0.5 X 0.5 X 4.0
Freq:	288
Phase:	256
Freq DIR:	R/L
NEX:	1.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal (L)

SCANTIMING

Flip Angle:	160.0
TE:	17.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	Yes
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OTHERS

Anatomical Region:	Shoulder
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SAT

Fat/Water Saturation:

Fat Classic

USERCVS

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

Non-Viewable Parameters

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Synov+C Obl COR T1 Fat DL

Detailstab

Protocolnotes

Synov+C Obl COR T1 Fat DL

PATIENTPOSITION

Coil Configuration: Neo16chFlexM

Plane: OBLIQUE

IMAGINGPARAMETERS

Imaging Mode: 2D

Imaging Options: EDR, TRF, Fast, ZIP512

Pulse Sequence: FSE-XL

ImageRecon

Recon DL Strength: Medium

Intensity Correction: SCENIC

Intensity Filter: None

Save Original: Off

SCANRANGE

FOV: 14.0

Slice Thickness: 4.00

Slice Spacing: 0.4

Overlap Locations: 0

No Phase Wrap: 1.50

ACQTIMING

Acq Voxel Size:	0.5 X 0.5 X 4.0
Freq:	288
Phase:	256
Freq DIR:	Unswap
NEX:	1.00
# of Acq. Before Pause:	0
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Quadrature
Excitation Mode:	Selective
Fat Shift DIR:	Normal

SCANTIMING

Flip Angle:	160
TE:	17.0
Number of Echoes:	1
TR:	500.0
Echo Train Length:	3
Receiver Bandwidth:	31.25

CONTRAST

Contrast Yes/No:	No
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OTHERS

Anatomical Region:	Shoulder
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SAT

Fat/Water Saturation:

Fat Classic

USERCVS

User CV6:	None
User CV9:	None
User CV12:	1.00
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV30:	1.00
User CV39:	1.00

Non-Viewable Parameters

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