

Wrist/Hand-Synovities & Erosions DISCOVERY MR750w

Technical Instructions

3-PLANE LOC

AX T2 cl fat

SAG T2 cl fat

Cor STIR

AX T1

COR T1

--Contrast--

+C COR T1 FAT

+C AX T1 FAT

+C SagT1 FAT

--optional--

Sag T2 FAT PROPELLER

Cor PD FS PROPELLER

COR PD IDEAL

Calibration

3-PLANE LOC

3-PLANE LOC

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: 1.00
User CV16: None
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

TE: 85.0
Number of Echoes: 1
TR: Minimum
Receiver Bandwidth: 62.50

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0
Preserve: 0

SCAN RANGE

FOV:	30.0
Slice Thickness:	5.0
Slice Spacing:	0.0
Table Delta:	0.00

ACQ TIMING

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

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

AX T2 cl fat

AX T2 cl fat

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	80.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	19

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 14.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 256

Freq DIR: Unswap

NEX: 2.00

Phase FOV: 0.90

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

SAG T2 cl fat

SAG T2 cl fat

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
Tag Type:	None

Fat/Water Saturation:

Fat

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	80.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	19

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 14.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 256

Freq DIR: Unswap

NEX: 2.00

Phase FOV: 0.90

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

Cor STIR

Cor STIR

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, NPW, Seq, EDR, TRF, Fast, IrP
PSD Name:	frfse-xl

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

SAT Location S:	9990
SAT Location I:	9990
Tag Spacing:	None
Tag Type:	None

USER CVS

User CV7:	None
User CV15:	None
User CV18:	None
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	44.0
Number of Echoes:	1
TR:	3400.0
TI:	180
Echo Train Length:	8
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 14.0

Slice Thickness: 2.0

Slice Spacing: 0.2

Number of Slices: 20

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 192

Freq DIR: S/I

NEX: 2.00

of Acq. Before Pause: 0

Auto Shim: Auto

Phase Correct: Off

Flow Comp Direction: Freq

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal (I)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

AX T1

AX T1

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV15: None
User CV16: None
User CV18: None
User CV21: None
User CV22: 1.00
User CV30: 1.00
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

Multi b-values: 1000.0;
Multi NEX Values: 1;
Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 111
TE: 16.0
Number of Echoes: 1
TR: 800.0
Echo Train Length: 4

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 14.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

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

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

COR T1

COR T1

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV6: None
User CV7: None
User CV8: None
User CV9: None
User CV15: None
User CV16: None
User CV18: None
User CV21: None
User CV22: 1.00
User CV30: 1.00
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

Multi b-values: 1000.0;
Multi NEX Values: 1;
Synthetic b-values: 1
Synthetic b-value: 1000.0;
Recon All Images: On

SCAN TIMING

Flip Angle: 111
TE: 16.0
Number of Echoes: 1
TR: 800.0
Echo Train Length: 4

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 14.0

Slice Thickness: 2.0

Slice Spacing: 0.2

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: Unswap

NEX: 2.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

Excitation Mode: Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

--Contrast--

--Contrast--

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: 1.0
User CV2: 240.00
User CV13: 1.00
TR Min: -
TR Max: -

DIFFUSION

Multi b-values: 1000.0;
Multi NEX Values: 1;
Recon All Images: On

SCAN TIMING

TE: 85.0
TR: Minimum
Receiver Bandwidth: 62.50

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0

SCAN RANGE

FOV: 30.0

Slice Thickness:	5.0
Slice Spacing:	5.0
Table Delta:	0.00

ACQ TIMING

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

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

+C COR T1 FAT

+C COR T1 FAT

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	16.0
Number of Echoes:	1

TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	14.0
Slice Thickness:	2.0
Slice Spacing:	0.2
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
Freq DIR:	Unswap
NEX:	2.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

+C AX T1 FAT

+C AX T1 FAT

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	16.0
Number of Echoes:	1

TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	12.0
Slice Thickness:	3.0
Slice Spacing:	0.5
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
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

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On
Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

+C SagT1 FAT

+C SagT1 FAT

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	SCIC

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV6:	None
User CV7:	None
User CV8:	None
User CV9:	None
User CV15:	None
User CV16:	None
User CV18:	None
User CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	111
TE:	16.0
Number of Echoes:	1

TR:	800.0
Echo Train Length:	4
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	14.0
Slice Thickness:	3.0
Slice Spacing:	0.2
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
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

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On
Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

--optional--

--optional--

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	3-PLANE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

USER CVS

User CV1: 1.0
User CV2: 240.00
User CV13: 1.00
TR Min: -
TR Max: -

DIFFUSION

Multi b-values: 1000.0;
Multi NEX Values: 1;
Recon All Images: On

SCAN TIMING

TE: 85.0
TR: Minimum
Receiver Bandwidth: 62.50

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0
Mask Phase: 0
Mask Pause: 0

SCAN RANGE

FOV: 30.0

Slice Thickness:	5.0
Slice Spacing:	5.0
Table Delta:	0.00

ACQ TIMING

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

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

Sag T2 FAT PROPELLER

Sag T2 FAT PROPELLER

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type:	None
Fat/Water Saturation:	Fat

USER CVS

User CV5:	None
User CV6:	None
User CV15:	None
User CV19:	1.00
User CV22:	None
User CV39:	1.00
User CV Mask2:	256
TR Min:	400.0
TR Max:	11000.0

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
# Synthetic b-values:	1
Synthetic b-value:	1000.0;
Recon All Images:	On

SCAN TIMING

Flip Angle:	80
TE:	80.0
Number of Echoes:	1
TR:	1855.0
Echo Train Length:	19
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 10.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 11

Table Delta: 0.00

ACQ TIMING

Freq: 320

Freq DIR: A/P

NEX: 2.00

Auto Shim: On

Phase Correct: Off

RF Drive Mode: Preset

Excitation Mode: Selective

Fat Shift DIR: Normal (A)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Wrist joint

Cor PD FS PROPELLER

Cor PD FS PROPELLER

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	Oblique

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	PROPELLER
Imaging Options:	TRF,ARC,FR
Phase:	2

SAT

Fat/Water Saturation:	Fat Classic
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USER CVS

User CV5:	1
User CV22:	0
TR Min:	400

SCAN TIMING

Flip Angle:	80
TE:	63.673
TR:	2540.0
Echo Train Length:	16

Receiver Bandwidth: 41.67

GATING/TRIGGER

Resp. Trigger Window: 10

Resp. Trigger Point: 30

SCAN RANGE

FOV: 10.0

Slice Thickness: 3.0

Slice Spacing: 0.5

Number of Slices: 12

Table Delta: 0.0

ACQ TIMING

Freq: 288

NEX: 4.0

Phase FOV: 10.0

RF Drive Mode: PRESET

Image Recon

Intensity Correction: NONE

OTHERS

Anatomical Region: Wrist joint

COR PD IDEAL

COR PD IDEAL

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	NPW, TRF, Fast, FR, IDEAL
IDEAL:	3

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing: None

Tag Type: None

USER CVS

User CV6: None

User CV8: None

User CV9: None

User CV17: 1.00

User CV21: None

User CV22: 1.00

TR Min: -

TR Max: -

DIFFUSION

Multi b-values: 1000.0;

Multi NEX Values: 1;

Recon All Images: On

SCAN TIMING

TE: 30.0

TR: 2000.0

Echo Train Length: 6

Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series:	0
Mask Phase:	0
Mask Pause:	0

SCAN RANGE

FOV:	10.0
Slice Thickness:	4.0
Slice Spacing:	1.0
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Wrist joint
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Calibration

Calibration

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	AXIAL

IMAGING PARAMETERS

Imaging Mode:	3D
Pulse Sequence:	SPGR
Imaging Options:	Fast, Calib, ZIP2, EDR

Image Recon

Intensity Filter:	None
Intensity Correction:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
Slice Order:	Interleaved
View Order:	Bottom/Up
# of Repetitions REST:	0
# of Repetitions ACTIVE:	0

SAT

Tag Spacing:	None
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Tag Type: None

DIFFUSION

Recon All Images: On

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 35.0

Table Delta: 0.00

Number of Slices: 1

Overlap Locations: 0

Slice Thickness: 11.0

ACQ TIMING

Freq DIR: R/L

Auto Shim: Auto

Phase Correct: Off

RF Drive Mode: Preset

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

USER CVS

TR Min:	-
TR Max:	-