

Wrist Osteo/Tumor/Abscess DISCOVERY MR750w

Technical Instructions

3-PLANE LOC

AX T2 cl fat

COR T2 cl fat

SAG T2 cl fat

AX T1

COR T1

--Tumor ONLY--

Pre AX T1 FAT

--Post Contrast--

+C COR T1 FAT

+C AX T1 FAT

--optional--

Sag T2 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, 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
--------------	------

Tag Type: None

USER CVS

User CV1: 1.00
User CV2: 240.00
User CV13: 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: 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
Excitation Mode: Selective

CONTRAST

Contrast Yes/No: No

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:	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
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: 10.0

Slice Thickness: 3.0

Slice Spacing: 0.5

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 256

Freq DIR: Unswap

NEX: 2.00

of Acq. Before Pause: 0

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 T2 cl fat

COR 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:	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
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: 10.0

Slice Thickness: 2.0

Slice Spacing: 0.2

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 256

Freq DIR: Unswap

NEX: 2.00

of Acq. Before Pause: 0

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:	NONE

FMRI

Brain Wave Real Time:	None
PSD Trigger:	Internal
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
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: 10.0

Slice Thickness: 3.0

Slice Spacing: 0.5

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 256

Freq DIR: Unswap

NEX: 2.00

of Acq. Before Pause: 0

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

AX T1

AX T1

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	AXIAL

IMAGING PARAMETERS

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

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
--------------	------

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

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: 10.0

Slice Thickness: 3.0

Slice Spacing: 0.5

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: A/P

NEX: 2.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

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 T1

COR T1

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	CORONAL

IMAGING PARAMETERS

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

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
--------------	------

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

# 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:	500.0
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: 10.0

Slice Thickness: 2.0

Slice Spacing: 0.2

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: S/I

NEX: 2.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

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

--Tumor ONLY--

--Tumor ONLY--

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
--------------	------

Tag Type: None

USER CVS

User CV1: 1.0
User CV2: 240.00
User CV13: 1.00
User CV15: None
User CV39: 1.00
User CV Mask2: 256

DIFFUSION

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
Excitation Mode:	Selective

CONTRAST

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

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

Pre AX T1 FAT

Pre AX T1 FAT

PATIENT POSITION

Coil Configuration:	GEM Flex Small
Plane:	AXIAL

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:	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
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

# 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:	10.0
Slice Thickness:	3.0
Slice Spacing:	0.5
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
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 (A)

CONTRAST

Contrast Yes/No:

No

TRICKS

Pause On/Off:

On

Auto Subtract:

0

OTHERS

Anatomical Region:

Wrist joint

--Post Contrast--

--Post 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
--------------	------

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
------------------	----

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:	CORONAL

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:	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
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

# 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: 10.0
Slice Thickness: 2.0
Slice Spacing: 0.2
Table Delta: 0.00

ACQ TIMING

Freq: 288
Phase: 224
Freq DIR: S/I
NEX: 2.00
Phase FOV: 1.00
Auto Shim: Auto
Phase Correct: On
RF Drive Mode: Quadrature
Excitation Mode: Selective

Fat Shift DIR: Normal (I)

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:	AXIAL

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:	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
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

# 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:	10.0
Slice Thickness:	3.0
Slice Spacing:	0.5
Table Delta:	0.00

ACQ TIMING

Freq:	288
Phase:	224
Freq DIR:	A/P
NEX:	2.00
Phase FOV:	1.00
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Quadrature
Excitation Mode:	Selective

Fat Shift DIR: Normal (A)

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
--------------	------

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
------------------	----

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Wrist joint

Sag T2 PROPELLER

Sag T2 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
--------------	------

Tag Type: None

USER CVS

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

DIFFUSION

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

SCAN TIMING

Flip Angle: 80
Number of Echoes: 1
TR: 2411.0
Echo Train Length: 24
Receiver Bandwidth: 41.67

GATING/TRIGGER

Auto Trigger Type: Off
Resp. Trigger Point: 30
Resp. Trigger Window: 10

MULTI-PHASE

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

SCAN RANGE

FOV:	10.0
Slice Thickness:	3.0
Slice Spacing:	0.5
Number of Slices:	12
Table Delta:	0.00

ACQ TIMING

Freq:	320
Freq DIR:	A/P
NEX:	4.00
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:	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
--------------	------

Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV5:	1.00
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

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

SCAN TIMING

Flip Angle:	80
Number of Echoes:	1
TR:	1680.0
Echo Train Length:	16
Receiver Bandwidth:	41.67

GATING/TRIGGER

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

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

MULTI-PHASE

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

SCAN RANGE

FOV:	10.0
Slice Thickness:	3.0
Slice Spacing:	0.5
Number of Slices:	12
Table Delta:	0.00

ACQ TIMING

Freq:	288
Freq DIR:	A/P
NEX:	4.00
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 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 CV15:	None
User CV17:	1.00
User CV18:	None
User CV21:	None
User CV22:	1.00
User CV30:	1.00
User CV Mask2:	0

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	30.0
Number of Echoes:	1
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

Preserve: 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

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

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
--------------	------

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:	-