

Forearm w/o or Osteo/Abscess DISCOVERY MR750w

Technical Instructions

RT-3-PLANE LOC

LT-3-PLANE LOC

Cor STIR

Ax T2 dk fat

Sag STIR

Cor T1

Ax T1

Sag T1

--Tumor ONLY--

Pre Ax T1 fat

--optional contrast--

+C Cor T1 fat

+C Ax T1 fat

+C Sag T1 fat

Calibration

Cor T2 dk fat

Sag T2 dk fat

RT-3-PLANE LOC

RT-3-PLANE LOC

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
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: 1.00

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:

Forearm bone

LT-3-PLANE LOC

LT-3-PLANE LOC

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
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: 1.00

User CV2: 240.00

User CV13: 1.00

User CV15: None

User CV39: 1.00

User CV Mask2: 256

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
Excitation Mode:	Selective

CONTRAST

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

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

3D Geometry Correction:	Off
Anatomical Region:	Forearm bone

Cor STIR

Cor STIR

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

Multi b-values:	1000.0;
Multi NEX Values:	1;
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

SCAN RANGE

FOV: 30.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 11

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 192

Freq DIR: S/I

NEX: 2.00

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:

Forearm bone

Ax T2 dk fat

Ax T2 dk fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
--------------	------

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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

Recon All Images:	On
-------------------	----

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	16
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 16.0

Slice Thickness: 5.0

Slice Spacing: 2.0

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: Forearm bone

Sag STIR

Sag STIR

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, 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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN RANGE

FOV:	30.0
Slice Thickness:	3.0
Slice Spacing:	1.0
Number of Slices:	11
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	192
Freq DIR:	S/I
NEX:	2.00
Phase FOV:	0.80
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: Forearm bone

Cor T1

Cor T1

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	CORONAL

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
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 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 CV39: 1.00

User CV Mask2: 256

DIFFUSION

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

SCAN RANGE

FOV:	30.0
Slice Thickness:	3.0
Slice Spacing:	1.0
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	S/I
NEX:	2.00
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:

Forearm bone

Ax T1

Ax T1

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
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 CV7: None

User CV8: None

User CV9: None

User CV15: None

User CV21: None

User CV22: 1.00

User CV39: 1.00

User CV Mask2: 256

DIFFUSION

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

SCAN RANGE

FOV:	16.0
Slice Thickness:	5.0
Slice Spacing:	2.0
Table Delta:	0.00

ACQ TIMING

Freq:	320
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

CONTRAST

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

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:

Forearm bone

Sag T1

Sag T1

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	SAGITTAL

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
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 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 CV39: 1.00

User CV Mask2: 256

DIFFUSION

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

SCAN RANGE

FOV:	30.0
Slice Thickness:	3.0
Slice Spacing:	1.0
Table Delta:	0.00

ACQ TIMING

Freq:	320
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 (S)

CONTRAST

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

TRICKS

Pause On/Off:	On
---------------	----

Auto Subtract:

0

OTHERS

Anatomical Region:

Forearm bone

--Tumor ONLY--

--Tumor ONLY--

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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:	Forearm bone

Pre Ax T1 fat

Pre Ax T1 fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
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 CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN RANGE

FOV: 16.0

Slice Thickness: 5.0

Slice Spacing: 2.0

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: Unswap

NEX: 1.00

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Quadrature

Excitation Mode: Selective

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract:

0

OTHERS

Anatomical Region:

Forearm bone

--optional contrast--

--optional contrast--

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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:	Forearm bone

+C Cor T1 fat

+C Cor T1 fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	CORONAL

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
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 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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN RANGE

FOV: 30.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 224

Freq DIR: S/I

NEX: 2.00

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: Forearm bone

+C Ax T1 fat

+C Ax T1 fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
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 CV19:	1.00
User CV21:	None
User CV22:	1.00
User CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN RANGE

FOV: 16.0

Slice Thickness: 5.0

Slice Spacing: 2.0

Table Delta: 0.00

ACQ TIMING

Freq: 320

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

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract:

0

OTHERS

Anatomical Region:

Forearm bone

+C Sag T1 fat

+C Sag T1 fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	SAGITTAL

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
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 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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN RANGE

FOV: 30.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Table Delta: 0.00

ACQ TIMING

Freq: 320

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 (S)

CONTRAST

Contrast Yes/No: Yes

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Forearm bone

Calibration

Calibration

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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:	Forearm bone

USER CVS

TR Min:	-
TR Max:	-

Cor T2 dk fat

Cor T2 dk fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	NPW, 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
--------------	------

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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

Recon All Images:	On
-------------------	----

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	16
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 30.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 384

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: Forearm bone

Sag T2 dk fat

Sag T2 dk fat

PATIENT POSITION

Coil Configuration:	GEM Flex LG Full
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
--------------	------

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 CV39:	1.00
User CV Mask2:	256

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	85.0
Number of Echoes:	1
TR:	3500.0
Echo Train Length:	16
Receiver Bandwidth:	41.67

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

SCAN RANGE

FOV: 30.0

Slice Thickness: 3.0

Slice Spacing: 1.0

Number of Slices: 15

Table Delta: 0.00

ACQ TIMING

Freq: 384

Phase: 224

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: Forearm bone