

Bony Pelvis Rapid ED Hip Fx DISCOVERY MR750w

Technical Instructions

3-Plane Loc

Cor T1 FSE

Cor STIR ARC

Ax T2 Fat sat ARC

3-Plane Loc

3-Plane Loc

PATIENT POSITION

Coil Configuration:	Body 30 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
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: 80.0

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:	40.0
Slice Thickness:	5.0
Slice Spacing:	5.0
Table Delta:	0.00

ACQ TIMING

Freq:	256
Phase:	128
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

CONTRAST

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

TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:

Pelvis

Cor T1 FSE

Cor T1 FSE

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	NPW, EDR, TRF, Fast, ARC
Phase:	2.00

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 CV16: None

User CV18: None

User CV21: 1.00

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: 20.0

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: 35.0

Slice Thickness: 5.0

Slice Spacing: 2.5

Number of Slices: 10

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: Preset

Excitation Mode: Selective

Fat Shift DIR: Normal (S)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

Cor STIR ARC

Cor STIR ARC

PATIENT POSITION

Coil Configuration: Body 30 Small
Plane: OBLIQUE

IMAGING PARAMETERS

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

SAT Location S: 9990

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

USER CVS

User CV7:	None
User CV9:	None
User CV15:	None
User CV17:	1.00
User CV18:	None
User CV21:	1.00
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:	40.0
Number of Echoes:	1
TR:	5234.0
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:	35.0
Slice Thickness:	5.0
Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	192
Freq DIR:	Unswap
NEX:	1.00
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Preset
Excitation Mode:	Selective
Fat Shift DIR:	Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

Ax T2 Fat sat ARC

Ax T2 Fat sat ARC

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

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:	1.00
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:	85.0
Number of Echoes:	1
TR:	3500.0

Echo Train Length:	17
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:	35.0
Slice Thickness:	5.0
Slice Spacing:	2.5
Table Delta:	0.00

ACQ TIMING

Freq:	320
Phase:	224
Freq DIR:	Unswap
NEX:	2.00
Phase FOV:	0.90
Auto Shim:	Auto
Phase Correct:	On
RF Drive Mode:	Preset
Excitation Mode:	Selective

Fat Shift DIR: Normal

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis