

msk Hip Labrum Scope/ Hip Preservation DISCOVERY MR750w

Technical Instructions

--30 SMALL--

3-Plane Loc

Cor T1 FSE

Cor T2 FSE cl fat

SAG 3D MERGE

Sag PD cl fat

Ax T1 FSE

Ax T2 FSE cl fat

Obl AX PD cl fat

--Hip Preservation--

Ax T1 LAVA FLEX

Ax T1 Hips

3-Plane Loc--Knees GE BODY

Ax T1 Knees GE BODY

--old--

Sag PD cl fat

Sag 3D IDEAL-SPGR

--30 SMALL--

--30 SMALL--

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

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: 1.00
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: Hip joint

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

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: 1.00
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: 80.0
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:	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
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Hip joint
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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

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

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: 18.0
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: 20.0
Slice Thickness: 4.0
Slice Spacing: 1.0
Number of Slices: 24
Table Delta: 0.00

ACQ TIMING

Freq: 320
Phase: 224
Freq DIR: S/I
NEX: 3.00
of Acq. Before Pause: 0
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: Hip joint

Cor T2 FSE cl fat

Cor T2 FSE cl fat

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	CORONAL

IMAGING PARAMETERS

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

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 CV Mask2:	0
TR Min:	2500.0
TR Max:	11000.0

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	60.0
Number of Echoes:	1
TR:	2500.0
Echo Train Length:	10

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: 20.0

Slice Thickness: 4.0

Slice Spacing: 1.0

Table Delta: 0.00

ACQ TIMING

Freq: 320

Phase: 192

Freq DIR: S/I

NEX: 3.00

Auto Shim: Auto

Phase Correct: On

RF Drive Mode: Optimized

Excitation Mode: Selective

Fat Shift DIR: Normal (I)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Hip joint

SAG 3D MERGE

SAG 3D MERGE

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	SAGITTAL

IMAGING PARAMETERS

Imaging Mode:	3D
Pulse Sequence:	MERGE
Imaging Options:	FC, NPW, EDR, Fast, ZIP2, ARC
Phase:	2.00
Slice:	1.00

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 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: 5

TE: Min Full

Number of Echoes: 3

TR: Minimum

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:	18.0
Slice Thickness:	2.0
Location per Slab:	32
Overlap Locations:	0
Number of Slices:	1
Table Delta:	0.00

ACQ TIMING

Freq:	488
Phase:	384
Freq DIR:	S/I
Auto Shim:	Auto
Phase Correct:	Off
RF Drive Mode:	Optimized
Excitation Mode:	Selective

CONTRAST

Contrast Yes/No:	No
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Pelvis
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Sag PD cl fat

Sag PD cl fat

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	OBLIQUE

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	NPW, 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
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Tag Type:	None
Fat/Water Saturation:	Fat Classic

USER CVS

User CV6:	None
User CV7:	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
TR Min:	1800.0
TR Max:	3000.0

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	25.0
Number of Echoes:	1
TR:	1800.0
Echo Train Length:	6

Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Mask Phase: 0

Mask Pause: 0

Preserve: 0

SCAN RANGE

FOV: 18.0

Slice Thickness: 3.0

Slice Spacing: 0.2

Number of Slices: 1

Table Delta: 0.00

ACQ TIMING

Freq: 384

Phase: 320

Freq DIR: S/I

NEX: 3.00

Auto Shim: Auto

Phase Correct: Off

RF Drive Mode: Optimized

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

Ax T1 FSE

Ax T1 FSE

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	OBLIQUE

IMAGING PARAMETERS

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

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

USER CVS

User CV6: None
User CV7: None
User CV8: 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: 18.0
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: 22.0
Slice Thickness: 4.0
Slice Spacing: 1.0
Number of Slices: 14
Table Delta: 0.00

ACQ TIMING

Freq: 288
Phase: 224
Freq DIR: S/I
NEX: 2.00
Auto Shim: Auto
Phase Correct: On
Flow Comp Direction: Slice
RF Drive Mode: Optimized
Excitation Mode: Selective
Fat Shift DIR: Normal (S)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Hip joint

Ax T2 FSE cl fat

Ax T2 FSE cl fat

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	AXIAL

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, NPW, 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 CV15:	None
User CV18:	None
User CV19:	1.00
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:	80.0
Number of Echoes:	1
TR:	2800.0
Echo Train Length:	11
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: 22.0
Slice Thickness: 4.0
Slice Spacing: 1.0
Number of Slices: 22
Table Delta: 0.00

ACQ TIMING

Freq: 320
Phase: 224
Freq DIR: R/L
NEX: 2.00
Auto Shim: Auto
Phase Correct: On
Flow Comp Direction: Slice
RF Drive Mode: Optimized
Excitation Mode: Selective
Fat Shift DIR: Normal (L)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Hip joint

Obl AX PD cl fat

Obl AX PD cl fat

PATIENT POSITION

Coil Configuration:	Body 30 Small
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
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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
TR Min:	2500.0
TR Max:	11000.0

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	42.0
Number of Echoes:	1
TR:	2500.0

Echo Train Length: 6
Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

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

SCAN RANGE

FOV: 22.0
Slice Thickness: 3.0
Slice Spacing: 0.3
Table Delta: 0.00

ACQ TIMING

Freq: 320
Phase: 192
Freq DIR: Unswap
NEX: 3.00
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: Hip joint

--Hip Preservation--

--Hip Preservation--

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

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: 1.00
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: 80.0
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:	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
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TRICKS

Pause On/Off:	On
Auto Subtract:	0

OTHERS

Anatomical Region:	Hip joint
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Ax T1 LAVA FLEX

Ax T1 LAVA FLEX

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	AXIAL

IMAGING PARAMETERS

Imaging Mode:	3D
Pulse Sequence:	LAVA
Imaging Options:	EDR, Fast, ZIP512, ZIP2, ARC, Flex
IDEAL:	7
Phase:	2.00
Slice:	1.00

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 CV4:	None
User CV6:	1.00
User CV9:	24.00
User CV10:	24.00
User CV13:	None
User CV16:	None
User CV Mask2:	0

DIFFUSION

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

SCAN TIMING

Flip Angle:	12
TE:	Minimum
Number of Echoes:	2
Receiver Bandwidth:	166.67

GATING/TRIGGER

Auto Trigger Type:	Off
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MULTI-PHASE

Seperate Series:	0
Trigger Delay without AV:	0
Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	36.0
Slice Thickness:	1.0
Location per Slab:	130
Overlap Locations:	0
Number of Slices:	1
Table Delta:	0.00

ACQ TIMING

Freq:	340
Phase:	340
Freq DIR:	R/L
NEX:	5.00
Phase FOV:	0.80
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: Pelvis

Ax T1 Hips

Ax T1 Hips

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	AXIAL

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, 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
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Tag Type:

None

USER CVS

User CV6:	None
User CV7:	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
TR Min:	400.0
TR Max:	850.0

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:	111
TE:	18.0
Number of Echoes:	1
TR:	615.0
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: 38.0

Slice Thickness: 4.0

Slice Spacing: 1.0

Number of Slices: 28

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: R/L

NEX: 1.00

of Acq. Before Pause: 0

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: Off

Flow Comp Direction: Slice

RF Drive Mode: Preset

Excitation Mode: Selective
Fat Shift DIR: Normal (L)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On
Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

3-Plane Loc--Knees GE BODY

3-Plane Loc--Knees GE BODY

PATIENT POSITION

Coil Configuration:	BODY
Plane:	3-PLANE

IMAGING PARAMETERS

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

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

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

Ax T1 Knees GE BODY

Ax T1 Knees GE BODY

PATIENT POSITION

Coil Configuration:	BODY
Plane:	AXIAL

IMAGING PARAMETERS

Imaging Mode:	2D
Pulse Sequence:	FSE-XL
Imaging Options:	FC, 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
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Tag Type: None

USER CVS

User CV6:	None
User CV7:	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
TR Min:	400.0
TR Max:	850.0

DIFFUSION

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

SCAN TIMING

Flip Angle:	111
TE:	18.0
Number of Echoes:	1
TR:	615.0
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: 38.0

Slice Thickness: 4.0

Slice Spacing: 1.0

Number of Slices: 28

Table Delta: 0.00

ACQ TIMING

Freq: 288

Phase: 224

Freq DIR: R/L

NEX: 1.00

of Acq. Before Pause: 0

Phase FOV: 1.00

Auto Shim: Auto

Phase Correct: Off

Flow Comp Direction: Slice

RF Drive Mode: Preset

Excitation Mode: Selective

Fat Shift DIR: Normal (L)

CONTRAST

Contrast Yes/No: No

TRICKS

Pause On/Off: On

Auto Subtract: 0

OTHERS

Anatomical Region: Pelvis

--old--

--old--

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

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: 1.00
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: Hip joint

Sag PD cl fat

Sag PD cl fat

PATIENT POSITION

Coil Configuration:	Body 30 Small
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:	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
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 CV39:	1.00
User CV Mask2:	256
TR Min:	2500.0
TR Max:	11000.0

DIFFUSION

Recon All Images:	On
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SCAN TIMING

Flip Angle:	111
TE:	25.0
Number of Echoes:	1
TR:	2500.0
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: 20.0

Slice Thickness: 4.0

Slice Spacing: 0.4

Table Delta: 0.00

ACQ TIMING

Freq: 320

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: Hip joint

Sag 3D IDEAL-SPGR

Sag 3D IDEAL-SPGR

PATIENT POSITION

Coil Configuration:	Body 30 Small
Plane:	SAGITTAL

IMAGING PARAMETERS

Imaging Mode:	3D
Pulse Sequence:	SPGR
Imaging Options:	EDR, Fast, ZIP2, Asset, IDEAL
IDEAL:	3
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 CV4: None

User CV6: 2.00

User CV23: 78.00

User CV Mask2: 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: 14

TE: Min Full

Number of Echoes: 1

Receiver Bandwidth: 31.25

GATING/TRIGGER

Auto Trigger Type: Off

MULTI-PHASE

Seperate Series: 0

Trigger Delay without AV: 0

Mask Phase:	0
Mask Pause:	0
Preserve:	0

SCAN RANGE

FOV:	20.0
Slice Thickness:	1.6
Location per Slab:	60
Overlap Locations:	0
Number of Slices:	1
Table Delta:	0.00

TRACKER

Tracker Length:	200.0
Tracker Thickness:	20.0

ACQ TIMING

Freq:	350
Phase:	350
Freq DIR:	S/I
NEX:	1.00
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

Anatomical Region: Hip joint