

MSK-THR HIP NEW

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

IMAGING PARAMETERS

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

SCAN RANGE

FOV *50.0*
Slice Thickness *8.00*
Slice Spacing *0.0*
Overlap Locations *0*

ACQ TIMING

Freq *320*
Phase *160*
Freq DIR *Unswap*
of Acq. Before Pause *0*
Phase FOV *1.00*
Auto Shim *Auto*
Phase Correction *No*
RF Drive Mode *Single*
Excitation Mode *Selective*

FMRI

PSD Trigger *Internal*
View Order *Bottom/Up*
of Repetitions REST *0*
of Repetitions ACTIVE *0*

SAT

Tag Type *None*

TRICKS

Pause On/Off *On*
Auto Subtract *0*
Auto SCIC *Off*

SCAN TIMING

TE *80.0*
Number of Echoes *1*
TR *Minimum*
Receiver Bandwidth *83.33*

IMAGE ENHANCE

Filter Choice *None*

USER CVS

User CV1 *1.00*
User CV2 *240.00*
User CV13 *1.00*
User CV Mask2 *0*

MULTI-PHASE

Seperate Series *0*
Mask Phase *0*
Mask Pause *0*
Preserve *0*

DIFFUSION

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

CONTRAST

Contrast Yes/No *No*

3Plane Loc - 3Plane Loc

3Plane Loc - 3Plane Loc

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Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

IMAGING PARAMETERS

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

SCAN RANGE

FOV *26.0*
Slice Thickness *3.50*
Slice Spacing *0.4*
Overlap Locations *0*
Number of Slices *40*

ACQ TIMING

Freq *320*
Phase *288*
Freq DIR *A/P*
Fat Shift DIR *Normal (P)*
NEX *1.00*
Phase FOV *1.00*
Auto Shim *Auto*
Phase Correction *Yes*
Flow Direction Compensation *Freq*
RF Drive Mode *Single*
Excitation Mode *Selective*

FMRI

PSD Trigger *Internal*
Slice Order *Interleaved*
View Order *Bottom/Up*
of Repetitions REST *0*
of Repetitions ACTIVE *0*

SAT

SAT Location *S*
SAT Location *I*
Tag Type *None*

TRICKS

Pause On/Off *On*
Auto Subtract *0*
Auto SCIC *2*

SCAN TIMING

Flip Angle *160*
TE *80.0*
Number of Echoes *1*
TR *4879.0*
Echo Train Length *23*
Receiver Bandwidth *31.25*

IMAGE ENHANCE

Filter Choice *None*

USER CVS

User CV12 *1.00*
User CV15 *0*
TR Min *2500.0*
TR Max *5000.0*
User CV30 *1.00*
User CV39 *1.00*
User CV Mask2 *256*

MULTI-PHASE

Seperate Series *0*
Mask Phase *0*
Mask Pause *0*
Preserve *0*

DIFFUSION

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

CONTRAST

Contrast Yes/No *No*

Sag T2 ardl - Sag T2 ardl

Sag T2 ardl - Sag T2 ardl

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IMAGING PARAMETERS

Imaging Mode	2D
Pulse Sequence	FSE-XL
Imaging Options	FC, EDR, TRF, Fast, FR, ARC
Phase	1.40

SCAN RANGE

FOV	24.0
Slice Thickness	4.00
Slice Spacing	0.4
Overlap Locations	0
Number of Slices	50

ACQ TIMING

Freq	352
Phase	288
Freq DIR	A/P
Fat Shift DIR	Normal (A)
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes
Flow Direction Compensation	Slice
RF Drive Mode	Single
Excitation Mode	Selective

FMRI

PSD Trigger	Internal
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0

SAT

Tag Type	None
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TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

SCAN TIMING

Flip Angle	160
TE	80.0
Number of Echoes	1
TR	4286.0
Echo Train Length	25
Receiver Bandwidth	31.25

IMAGE ENHANCE

Filter Choice	None
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USER CVS

User CV12	1.00
User CV15	0
TR Min	2500.0
TR Max	5000.0
User CV30	1.00
User CV39	1.00
User CV Mask2	256

MULTI-PHASE

Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION

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

CONTRAST

Contrast Yes/No	No
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AX T2 ardl - AX T2 ardl

AX T2 ardl - AX T2 ardl

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IMAGING PARAMETERS

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

SCAN RANGE

FOV 25.0
Slice Thickness 4.00
Slice Spacing 0.4
Overlap Locations 0
Number of Slices 40

ACQ TIMING

Freq 352
Phase 320
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 1.00
Phase FOV 1.00
Auto Shim Auto
Phase Correction Yes
Flow Direction Freq
Compensation
RF Drive Mode Single
Excitation Mode Selective

FMRI

PSD Trigger Internal
Slice Order Interleaved
View Order Bottom/Up
of Repetitions REST 0
of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 2

SCAN TIMING

Flip Angle 160
TE 83.0
Number of Echoes 1
TR 4871.0
Echo Train Length 23
Receiver Bandwidth 31.25

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV15 0
TR Min 2500.0
TR Max 5000.0
User CV30 1.00
User CV39 1.00
User CV Mask2 256

MULTI-PHASE

Seperate Series 0
Mask Phase 0
Mask Pause 0
Preserve 0

DIFFUSION

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

CONTRAST

Contrast Yes/No No

CORONAL T2 ardl - CORONAL T2 ardl

CORONAL T2 ardl - CORONAL T2 ardl

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IMAGING PARAMETERS

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

SCAN RANGE

FOV	24.0
Slice Thickness	4.00
Slice Spacing	0.4
Overlap Locations	0
Number of Slices	50

ACQ TIMING

Freq	320
Phase	256
Freq DIR	A/P
Fat Shift DIR	Normal (A)
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes
Flow Direction Compensation	Slice
RF Drive Mode	Single
Excitation Mode	Selective

FMRI

PSD Trigger	Internal
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0

SAT

SAT Location	S
SAT Location	I
Tag Type	None

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

SCAN TIMING

Flip Angle	160
TE	Min Full
Number of Echoes	1
TR	598.0
Echo Train Length	4
Receiver Bandwidth	31.25

IMAGE ENHANCE

Filter Choice	None
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USER CVS

User CV12	1.00
TR Min	300.0
TR Max	695.0
User CV30	1.00
User CV39	1.00
User CV Mask2	256

MULTI-PHASE

Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION

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

CONTRAST

Contrast Yes/No	No
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Ax T1 FSE ardl - Ax T1 FSE ardl

Ax T1 FSE ardl - Ax T1 FSE ardl

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Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

Ax DWI B800 ardl - Ax DWI B800 ardl	IMAGING PARAMETERS		SCAN TIMING	
	Imaging Mode	2D	TE	Minimum
	Pulse Sequence	Spin Echo	Number of Echoes	1
	Imaging Options	EDR, EPI, DIFF, Asset	TR	7139.0
	Phase	2.00	Number of Shots	1
	SCAN RANGE		IMAGE ENHANCE	
	FOV	38.0	Filter Choice	None
	Slice Thickness	4.50	USER CVS	
	Slice Spacing	0.0	User CV0	1.00
	Overlap Locations	0	User CV5	1.00
	Number of Slices	40	TR Min	2000.0
	ACQ TIMING		TR Max	17000.0
	Freq	128	User CV39	1.00
	Phase	138	User CV Mask2	0
	Freq DIR	R/L	MULTI-PHASE	
	Phase FOV	1.00	Seperate Series	0
	Auto Shim	Auto	Mask Phase	0
	Phase Correction	Yes	Mask Pause	0
	RF Drive Mode	Single	Preserve	0
	Excitation Mode	Selective	DIFFUSION	
	FMRI		Optimized TE	Yes
	PSD Trigger	Internal	Diffusion Directions	All
	View Order	Bottom/Up	Number of Diffusion Directions	3
	# of Repetitions REST	0	Number of T2 Images	1
	# of Repetitions ACTIVE	0	Dual Spin Echo	Off
	SAT		Recon All Images	On
	Tag Type	None	Multi b-values	800.0;
	TRICKS		Multi NEX Values	6.0;
	Pause On/Off	On	NEX For T2	1.00
	Auto Subtract	0	Real Time Field Adjustment	1
	Auto SCIC	Off	# Synthetic b-values	0
			CONTRAST	
			Contrast Yes/No	No

Ax DWI B800 ardl - Ax DWI B800 ardl

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Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

Ax LAVA-Flex - Ax LAVA-Flex

IMAGING PARAMETERS	
Imaging Mode	3D
Pulse Sequence	LAVA
Imaging Options	EDR, Fast, ARC, Flex
IDEAL	7
Phase	2.00
Slice	1.00
SCAN RANGE	
FOV	40.0
Slice Thickness	2.50
Location per Slab	104
Overlap Locations	0
Number of Slices	1
ACQ TIMING	
Freq	288
Phase	224
Freq DIR	A/P
NEX	2.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	No
RF Drive Mode	Single
Excitation Mode	Selective
FMRI	
PSD Trigger	Internal
Slice Order	Interleaved
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0
SAT	
Tag Type	None
TRICKS	
Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

SCAN TIMING	
Flip Angle	12
TE	Min Full
Number of Echoes	2
Receiver Bandwidth	83.33
IMAGE ENHANCE	
Filter Choice	A
USER CVS	
User CV30	1.00
User CV Mask2	0
MULTI-PHASE	
Seperate Series	0
Trigger Delay without AV	0
Mask Phase	0
Mask Pause	0
Preserve	0
DIFFUSION	
Number of Diffusion Directions	0
Dual Spin Echo	Off
Diffusion Tenser Processing Output	No Selection
Recon All Images	On
Multi b-values	1000.0;
Multi NEX Values	1.0;
# Synthetic b-values	1
Synthetic b-value	1000.0;
CONTRAST	
Contrast Yes/No	No

Ax LAVA-Flex - Ax LAVA-Flex

Ax LAVA-Flex - Ax LAVA-Flex

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Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

IMAGING PARAMETERS

Imaging Mode *2D*
Pulse Sequence *Spin Echo*
Imaging Options *EDR, Fast, SS, ARC*

SCAN RANGE

FOV *34.0*
Slice Thickness *10.0*
Slice Spacing *5.0*
Number of Slices *19*

ACQ TIMING

Freq *320*
Phase *160*
Freq DIR *R/L*
NEX *1.0*
of Acq. Before Pause *0*
Phase FOV *0.80*
Auto Shim *Auto*
Phase Correction *No*

USER CVS

User CV1 *1.0*
User CV2 *240.00*

MULTI-PHASE

Seperate Series *0*
Mask Phase *0*
Mask Pause *0*

DIFFUSION

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

CONTRAST

Contrast Yes/No *No*

SCAN TIMING

TE *88.0*
Number of Echoes *1*
TR *Minimum*
Receiver Bandwidth *62.50*

IMAGE ENHANCE

Filter Choice *None*

GATING/TRIGGER

Auto Trigger Type *Off*

FMRI

PSD Trigger *Internal*
Slice Order *Interleaved*
View Order *Bottom/Up*
of Repetitions REST *0*
of Repetitions ACTIVE *0*

SAT

Tag Type *None*

TRICKS

Pause On/Off *On*
Auto Subtract *0*
Auto SCIC *Off*

Only for Cancer Staging or/and recurrence - **Only for Cancer Staging or/and recurrence**

Only for Cancer Staging or/and recurrence - **Only for Cancer Staging or/and recurrence**

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IMAGING PARAMETERS

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

SCAN RANGE

FOV 38.0
 Slice Thickness 6.00
 Slice Spacing 0.0
 Overlap Locations 0
 Number of Slices 60

ACQ TIMING

Freq 320
 Phase 224
 Freq DIR R/L
 NEX 1.00
 # of Acq. Before Pause 18
 Phase FOV 0.80
 Auto Shim Auto
 Phase Correction No
 RF Drive Mode Single
 Excitation Mode Selective

FMRI

PSD Trigger Internal
 Slice Order Interleaved
 View Order Bottom/Up
 # of Repetitions REST 0
 # of Repetitions ACTIVE 0

SAT

Tag Type None

TRICKS

Pause On/Off On
 Auto Subtract 0
 Auto SCIC 3

OTHERS

Protocol Notes Only for Cancer staging
 or/and recurrence

SCAN TIMING

TE 88.0
 Number of Echoes 1
 TR Minimum
 Receiver Bandwidth 62.50

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV1 1.00
 User CV2 240.00
 User CV13 1.00
 User CV39 1.00
 User CV Mask2 256

MULTI-PHASE

Seperate Series 0
 Mask Phase 0
 Mask Pause 0
 Preserve 0

DIFFUSION

Number of Diffusion Directions 0
 Dual Spin Echo Off
 Diffusion Tensor Processing Output No Selection
 Recon All Images On
 Multi b-values 1000.0;
 Multi NEX Values 1.0;
 # Synthetic b-values 1
 Synthetic b-value 1000.0;

CONTRAST

Contrast Yes/No No

AX T2 ABDO ardl - AX T2 ABDO ardl

AX T2 ABDO ardl - AX T2 ABDO ardl

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IMAGING PARAMETERS

Imaging Mode *2D*
Pulse Sequence *Spin Echo*
Imaging Options *Seq, TRF, Fast, SS*
IDEAL *3*

SCAN RANGE

FOV *40.0*
Slice Thickness *8.0*
Slice Spacing *5.0*
Number of Slices *15*

ACQ TIMING

Freq *320*
Phase *160*
Freq DIR *Unswap*
of Acq. Before Pause *0*
Phase FOV *1.00*
Auto Shim *Auto*
Phase Correction *No*
RF Drive Mode *Quadrature*
Excitation Mode *Selective*

USER CVS

User CV Mask2 *0*

MULTI-PHASE

Seperate Series *0*
Mask Phase *0*
Mask Pause *0*
Preserve *0*

DIFFUSION

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

CONTRAST

Contrast Yes/No *No*

SCAN TIMING

TE *80.0*
Number of Echoes *1*
TR *Minimum*
Receiver Bandwidth *83.33*

IMAGE ENHANCE

Filter Choice *None*

GATING/TRIGGER

Auto Trigger Type *Off*

FMRI

PSD Trigger *Internal*
Slice Order *Interleaved*
View Order *Bottom/Up*
of Repetitions REST *0*
of Repetitions ACTIVE *0*

SAT

Tag Type *None*

TRICKS

Pause On/Off *On*
Auto Subtract *0*
Auto SCIC *Off*

---option---

---option---

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Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

IMAGING PARAMETERS

Imaging Mode	2D
Pulse Sequence	Spin Echo
Imaging Options	EDR, EPI, DIFF, Asset
PSD Name	/usr/g/research/MUSE/epi2
Phase	2.00

SCAN RANGE

FOV	38.0
Slice Thickness	4.5
Slice Spacing	0.5
Number of Slices	42

ACQ TIMING

Freq	138
Phase	142
Freq DIR	R/L
Phase FOV	0.80
Auto Shim	Auto
Phase Correction	Yes
RF Drive Mode	Single
Excitation Mode	Selective

USER CVS

User CV0	1.00
User CV5	1.00
User CV17	1.00
TR Min	2000.0
TR Max	17000.0
User CV39	1.00
User CV Mask2	256

MULTI-PHASE

Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION

Optimized TE	Yes
Diffusion Directions	All
Number of Diffusion Directions	3
Number of T2 Images	1
Dual Spin Echo	Off
Recon All Images	On
Multi b-values	800.0;
Multi NEX Values	6;
NEX For T2	2.00
Real Time Field Adjustment	1
# Synthetic b-values	2
Synthetic b-value	1000.0;1500.0;

CONTRAST

Contrast Yes/No	Yes
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SCAN TIMING

TE	Minimum
Number of Echoes	1
TR	6557.0
Number of Shots	2

IMAGE ENHANCE

Filter Choice	None
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GATING/TRIGGER

Auto Trigger Type	Off
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FMRI

PSD Trigger	Internal
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0

SAT

Tag Type	None
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TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	Off

Ax DW EPI MUSE - Ax DW EPI MUSE

Ax DW EPI MUSE - Ax DW EPI MUSE

MSK-THR HIP NEW

Protocol: adult_pelvis_GYN-Screening pelvis 2020 ardl

IMAGING PARAMETERS

Imaging Mode	3D
Pulse Sequence	Cube
Imaging Options	FC, EDR, Fast, FR, ARC
Phase	1.20
Slice	1.00

SCAN RANGE

FOV	28.0
Slice Thickness	1.0
Location per Slab	128
Overlap Locations	0
Number of Slices	1

ACQ TIMING

Freq	288
Phase	288
Freq DIR	S/I
NEX	1.00
Phase FOV	0.90
Auto Shim	Auto
Phase Correction	No
Flow Direction Compensation	Freq
RF Drive Mode	Single
Excitation Mode	Focus

USER CVS

User CV30	1.00
User CV Mask2	0

MULTI-PHASE

Seperate Series	0
Mask Phase	0
Mask Pause	0
Preserve	0

DIFFUSION

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

CONTRAST

Contrast Yes/No	No
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SCAN TIMING

TE	80.0
Number of Echoes	1
TR	1500.0
Echo Train Length	110
Receiver Bandwidth	62.50

IMAGE ENHANCE

Filter Choice	B
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GATING/TRIGGER

Auto Trigger Type	Off
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FMRI

PSD Trigger	Internal
View Order	Bottom/Up
# of Repetitions REST	0
# of Repetitions ACTIVE	0

SAT

SAT Location	A
Tag Type	None

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

3D Sag T2 Cube - 3D Sag T2 Cube

3D Sag T2 Cube - 3D Sag T2 Cube