

MSK-THR HIP NEW

Protocol: adult_upperExtremities_MSK ARDL 2022 SHOULDER Quicker ARDL

IMAGING PARAMETERS

Imaging Mode 2D
Pulse Sequence Gradient Echo
Imaging Options Seq, Fast

SCAN RANGE

FOV 36.0
Slice Thickness 7.00
Slice Spacing 0.0
Overlap Locations 0

ACQ TIMING

Freq 256
Phase 128
Freq DIR Unswap
NEX 1.00
Phase FOV 1.00
Auto Shim Auto
Phase Correction No
RF Drive Mode Single
Excitation Mode Selective

USER CVS

User CV20 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

SCAN TIMING

Number of Echoes 1

IMAGE ENHANCE

Filter Choice None

GATING/TRIGGER

Pause After Navigator Prescan 0

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

Right 3-PLANE LOC - Right 3-PLANE LOC

Right 3-PLANE LOC - Right 3-PLANE LOC

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Right 3-PLANE LOC - Right 3-PLANE LOC	IMAGING PARAMETERS		SCAN TIMING	
	Imaging Mode	2D	Number of Echoes	1
	Pulse Sequence	Gradient Echo	IMAGE ENHANCE	
	Imaging Options	Seq, Fast	Filter Choice	None
	SCAN RANGE		GATING/TRIGGER	
	FOV	36.0	Pause After Navigator Prescan	0
	Slice Thickness	7.00	FMRI	
	Slice Spacing	0.0	PSD Trigger	Internal
	Overlap Locations	0	View Order	Bottom/Up
	Number of Slices	25	# of Repetitions REST	0
	ACQ TIMING		# of Repetitions ACTIVE	0
	Freq	256	SAT	
	Phase	128	Tag Type	None
	Freq DIR	Unswap	TRICKS	
	NEX	1.00	Pause On/Off	On
	Phase FOV	1.00	Auto Subtract	0
	Auto Shim	Auto	Auto SCIC	Off
	Phase Correction	No		
	RF Drive Mode	Single		
	Excitation Mode	Selective		
	USER CVS			
	User CV20	1.00		
	User CV Mask2	0		
	MULTI-PHASE			
	Seperate Series	0		
	Mask Phase	0		
	Mask Pause	0		
	Preserve	0		
	DIFFUSION			
	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		

MSK-THR HIP NEW

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AX PD FS - AX PD FS

IMAGING PARAMETERS

Imaging Mode	2D
Pulse Sequence	FSE-XL
Imaging Options	EDR, TRF, Fast, ARC
Phase	1.60

SCAN RANGE

FOV	15.0
Slice Thickness	3.00
Slice Spacing	0.3
Overlap Locations	0
Number of Slices	26

ACQ TIMING

Freq	320
Phase	288
Freq DIR	R/L
Fat Shift DIR	Normal (L)
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes
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	R
SAT Location	L
SAT Location	I
Tag Type	None
Fat/Water Saturation	Fat Classic

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

SCAN TIMING

Flip Angle	160
TE	45.0
Number of Echoes	1
TR	1894.0
Echo Train Length	9
Receiver Bandwidth	27.78

IMAGE ENHANCE

Filter Choice	None
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USER CVS

User CV12	1.00
User CV19	1.00
TR Min	1500.0
TR Max	3500.0
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 PD FS - AX PD FS

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IMAGING PARAMETERS

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

SCAN RANGE

FOV	15.0
Slice Thickness	3.00
Slice Spacing	0.3
Overlap Locations	0
Number of Slices	20

ACQ TIMING

Freq	320
Phase	288
Freq DIR	S/I
Fat Shift DIR	Normal (S)
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes
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	R
SAT Location	L
SAT Location	I
Tag Type	None
Fat/Water Saturation	Fat Classic

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

SCAN TIMING

Flip Angle	160
TE	41.0
Number of Echoes	1
TR	1500.0
Echo Train Length	9
Receiver Bandwidth	27.78

IMAGE ENHANCE

Filter Choice	None
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USER CVS

User CV12	1.00
User CV19	1.00
TR Min	1500.0
TR Max	3500.0
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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COR PD FS - COR PD FS

COR PD FS - COR PD FS

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COR T2 FS - COR T2 FS

IMAGING PARAMETERS

Imaging Mode	2D
Pulse Sequence	FSE-XL
Imaging Options	EDR, TRF, Fast, ARC
Phase	1.00

SCAN RANGE

FOV	15.0
Slice Thickness	3.00
Slice Spacing	0.3
Overlap Locations	0
Number of Slices	20

ACQ TIMING

Freq	320
Phase	288
Freq DIR	S/I
Fat Shift DIR	Normal (S)
NEX	1.00
Phase FOV	1.00
Auto Shim	Auto
Phase Correction	Yes
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	R
SAT Location	L
SAT Location	I
Tag Type	None
Fat/Water Saturation	Fat Classic

TRICKS

Pause On/Off	On
Auto Subtract	0
Auto SCIC	2

SCAN TIMING

Flip Angle	160
TE	68.0
Number of Echoes	1
TR	4318.0
Echo Train Length	15
Receiver Bandwidth	27.78

IMAGE ENHANCE

Filter Choice	None
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USER CVS

User CV12	1.00
User CV19	1.00
TR Min	3000.0
TR Max	6000.0
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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COR T2 FS - COR T2 FS

MSK-THR HIP NEW

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SAG T1 - SAG T1

IMAGING PARAMETERS

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

SCAN RANGE

FOV 15.0
Slice Thickness 3.00
Slice Spacing 0.3
Overlap Locations 0
Number of Slices 21

ACQ TIMING

Freq 320
Phase 320
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 1.00
Phase FOV 1.00
Auto Shim Auto
Phase Correction Yes
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 R
SAT Location L
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 511.0
Echo Train Length 4
Receiver Bandwidth 35.71

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
TR Min 400.0
TR Max 600.0
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 T1 - SAG T1

MSK-THR HIP NEW

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Sag T2 FS - Sag T2 FS

IMAGING PARAMETERS

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

SCAN RANGE

FOV 15.0
Slice Thickness 3.00
Slice Spacing 0.3
Overlap Locations 0
Number of Slices 21

ACQ TIMING

Freq 320
Phase 288
Freq DIR S/I
Fat Shift DIR Normal (I)
NEX 1.00
Phase FOV 1.00
Auto Shim Auto
Phase Correction Yes
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 R
SAT Location L
SAT Location I
Tag Type None
Fat/Water Saturation Fat Classic

TRICKS

Pause On/Off On
Auto Subtract 0
Auto SCIC 2

SCAN TIMING

Flip Angle 160
TE 68.0
Number of Echoes 1
TR 3687.0
Echo Train Length 12
Receiver Bandwidth 27.78

IMAGE ENHANCE

Filter Choice None

USER CVS

User CV12 1.00
User CV19 1.00
TR Min 1500.0
TR Max 6000.0
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 FS - Sag T2 FS

MSK-THR HIP NEW

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ax Small FOV MR Bone - ax Small FOV MR Bone	IMAGING PARAMETERS		SCAN TIMING	
	Imaging Mode	3D	Flip Angle	2
	Pulse Sequence	SPGR	Number of Echoes	1
	Imaging Options	Fast, SqP	Receiver Bandwidth	50.00
	PSD Name	ozteo	IMAGE ENHANCE	
	SCAN RANGE		Filter Choice	None
	FOV	21.0	GATING/TRIGGER	
	Slice Thickness	1.10	Pause After Navigator Prescan	0
	Overlap Locations	0	FMRI	
	Number of Slices	1	PSD Trigger	Internal
	ACQ TIMING		View Order	Bottom/Up
	Freq	200	# of Repetitions REST	0
	Freq DIR	R/L	# of Repetitions ACTIVE	0
	NEX	8.00	SAT	
	Auto Shim	Auto	Tag Type	None
	Phase Correction	No	TRICKS	
	RF Drive Mode	Single	Pause On/Off	On
	Excitation Mode	Selective	Auto Subtract	0
	Spokes Per Segment	384	Auto SCIC	3
	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		