Protocol: adult_lowerExtremities_MSK ARDL 2022-Ankle std

IMAGING PARAMETERS Imaging Mode Pulse Sequence Imaging Options Seq, Fast SCAN RANGE FOV Slice Thickness Sice Spacing Overlap Locations ACQ TIMING Freq Phase Freq DIR NEX 1.00 Phase FOV Auto Shim Phase Correction RF Drive Mode Excitation Mode Selective USER CVS User CV20 User CV20 User CV Mask2 MULTI-PHASE Seperate Series Mask Phase O Mask Pause Preserve O DIFFUSION Recon All Images Synthetic b-values 1 000000 For Selective Imaging Mode Seq, Fast Seq,			
Pulse Sequence Imaging Options Seq, Fast SCAN RANGE FOV 30.0 Slice Thickness 7.00 Slice Spacing 3.0 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 Preserve 0 DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 10000.0; CONTRAST		IMAGING PARAMETERS	
Imaging Options Seq, Fast SCAN RANGE FOV 30.0 Slice Thickness 7.00 Slice Spacing 3.0 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 Preserve 0 DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		Imaging Mode	2D
SCAN RANGE FOV 30.0 Slice Thickness 7.00 Slice Spacing 3.0 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		Pulse Sequence	Gradient Echo
FOV 30.0 Slice Thickness 7.00 Slice Spacing 3.0 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 Phase 0 Preserve 0 DIFFUSION Recon All Images 0n # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		Imaging Options	Seq, Fast
Slice Thickness 7.00 Slice Spacing 3.0 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 0n # Synthetic b-value 1000.0; CONTRAST		SCAN RANGE	
Slice Spacing 3.0 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 0n # Synthetic b-value 1000.0; CONTRAST		FOV	30.0
Overlap Locations 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 0n # Synthetic b-value 1000.0; CONTRAST		Slice Thickness	7.00
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 0 Synthetic b-value 1000.0; CONTRAST		Slice Spacing	3.0
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 0 Synthetic b-value 1000.0; CONTRAST		Overlap Locations	0
Phase 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 0 Synthetic b-value 1000.0; CONTRAST		ACQ TIMING	
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 0n # Synthetic b-value 1000.0; CONTRAST		Freq	256
NEX Phase FOV Auto Shim Phase Correction RF Drive Mode Excitation Mode Single Excitation Mode Selective USER CVS User CV20 User CV Mask2 MULTI-PHASE Seperate Series Mask Phase Mask Pause Preserve O DIFFUSION Recon All Images Synthetic b-values Synthetic b-value S1.00 1.00 1.00 0 0 0 0 0 0 0 0 0 0 0 0		Phase	128
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		Freq DIR	Unswap
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	ght	NEX	1.00
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	æ	Phase FOV	1.00
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	8	Auto Shim	Auto
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	7	Phase Correction	No
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	дe -	RF Drive Mode	Single
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	, jht	Excitation Mode	Selective
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	R.	USER CVS	
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	၁၀	User CV20	1.00
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		User CV Mask2	0
Mask Phase 0 Mask Pause 0 Preserve 0 DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST	35	MULTI-PHASE	
Mask Pause 0 Preserve 0 DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		Seperate Series	0
Preserve 0 DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		Mask Phase	0
DIFFUSION Recon All Images On # Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		Mask Pause	0
Recon All Images # Synthetic b-values Synthetic b-value 1000.0; CONTRAST		Preserve	0
# Synthetic b-values 1 Synthetic b-value 1000.0; CONTRAST		DIFFUSION	
Synthetic b-value 1000.0; CONTRAST		Recon All Images	On
CONTRAST		•	,
		Synthetic b-value	1000.0;
Contrast Yes/No No		CONTRAST	
		Contrast Yes/No	No

۱Þ	RDL 2022-Ankie sta		
	SCAN TIMING		
ĺ	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	

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IMA CINIO DADAMETEDO		SOAN BANGE	
IMAGING PARAMETERS	20	SCAN RANGE	20.0
Imaging Mode	2D	FOV	30.0
Pulse Sequence	Gradient Echo	Slice Thickness	7.0
Imaging Options	Seq, Fast	Slice Spacing	10.0
IMAGE ENHANCE		ACQ TIMING	
Filter Choice	None	Freq	256
GATING/TRIGGER		Phase	128
Auto Trigger Type	Off	Freq DIR	Unswap
Davisa After Navigator	0	NEX	1.00
Prescan		Phase FOV	1.00
		Auto Shim	Auto
PSD Trigger	Internal	Phase Correction	No
FMRI PSD Trigger Slice Order	Interleaved	RF Drive Mode	Single
View Order # of Repetitions REST	Bottom/Up	Excitation Mode	Selective
# of Repetitions REST	0	USER CVS	
# of Repetitions ACTIVE	0	User CV Mask2	0
SAT		MULTI-PHASE	
Tag Type	None	Seperate Series	0
TRICKS		Mask Phase	0
Pause On/Off	On	Mask Pause	0
Auto Subtract	0	DIFFUSION	
Auto SCIC	Off	Recon All Images	On
		CONTRAST	
		Contrast Yes/No	No

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	160	
	Pulse Sequence	FSE-XL	TE	36.0	
	Imaging Options	FC, EDR, TRF, Fast	Number of Echoes	1	
	SCAN RANGE		TR	1783.0	
	FOV	17.0	Echo Train Length	9	
	Slice Thickness	3.00	Receiver Bandwidth	27.78	
	Slice Spacing	0.3	IMAGE ENHANCE		
	Overlap Locations	0	Filter Choice	None	
	Number of Slices	27	USER CVS		
	ACQ TIMING		User CV12	1.00	
	Freq	288	User CV19	1.00	
ES.	Phase	288	User CV30	1.00	R
PD	Freq DIR	S/I	User CV39	1.00	
Ω Π	Fat Shift DIR	Normal (S)	User CV Mask2	256	Ω H
SA	NEX	1.00	MULTI-PHASE		SA
≥	Phase FOV	1.00	Seperate Series	0	Σ
占	Auto Shim	Auto	Mask Phase	0	占
AR	Phase Correction	Yes	Mask Pause	0	AR
ARDL M SAG PD FS - ARDL M SAG	Flow Direction Compensation	Freq	Preserve	0	FS - ARDL M SAG PD
D	RF Drive Mode	Single	DIFFUSION		PDF
<u>С</u>	Excitation Mode	Selective	Recon All Images	On	
SAC	FMRI		# Synthetic b-values	1	ARDL M SAG
Σ	PSD Trigger	Internal	Synthetic b-value	1000.0;	Σ
Ы	View Order	Bottom/Up	CONTRAST		占
AR	# of Repetitions REST	0	Contrast Yes/No	No	AR
	# of Repetitions ACTIVE	0			
	SAT				
	Tag Type	None			
	Fat/Water Saturation	Fat Classic			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	2			

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	IMAGING PARAMETERS	0.0	SCAN TIMING	400	
	Imaging Mode	2D	Flip Angle	160	
	Pulse Sequence	FSE-XL	TE	35.0	
	Imaging Options	FC, EDR, TRF, Fast	Number of Echoes	1	
	SCAN RANGE		TR	1746.0	
	FOV	17.0	Echo Train Length	9	
	Slice Thickness	3.00	Receiver Bandwidth	27.78	_
	Slice Spacing	0.3	IMAGE ENHANCE		
	Overlap Locations	0	Filter Choice	None	
	Number of Slices	27	USER CVS		
	ACQ TIMING		User CV12	1.00	
	Freq	288	User CV19	1.00	
FS	Phase	288	TR Min	1500.0	RS
Q	Freq DIR	S/I	TR Max	3300.0	PD
ద	Fat Shift DIR	Normal (S)	User CV30	1.00	
8	NEX	1.00	User CV39	1.00	8
Σ	Phase FOV	1.00	User CV Mask2	256	Σ
占	Auto Shim	Auto	MULTI-PHASE		FS - ARDL M COR
AR	Phase Correction	Yes	Seperate Series	0	AR
Ġ	Flow Direction Compensation	Freq	Mask Phase	0	Ś
H C	RF Drive Mode	Single	Mask Pause	0	Ψ.
Ы	Excitation Mode	Selective	Preserve	0	PD
ARDL M COR PD FS - ARDL M COR PD	FMRI		DIFFUSION		ARDL M COR
N N	PSD Trigger	Internal	Recon All Images	On	V
7.	View Order	Bottom/Up	# Synthetic b-values	1	7
R	# of Repetitions REST	0	Synthetic b-value	1000.0;	R
4	# of Repetitions ACTIVE	0	CONTRAST		
	SAT		Contrast Yes/No	No	
	Tag Type	None			
	Fat/Water Saturation	Fat Classic			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	2			
	, 1010 0010	-			

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	160	
	Pulse Sequence	FSE-XL	TE	Min Full	
	Imaging Options	FC, EDR, TRF, Fast, ARC	Number of Echoes	1	
	Phase	1.50	TR	363.0	
	SCAN RANGE		Echo Train Length	4	
	FOV	17.0	Receiver Bandwidth	35.71	
	Slice Thickness	3.00	IMAGE ENHANCE		
	Slice Spacing	0.3	Filter Choice	None	
	Overlap Locations	0	USER CVS		
	Number of Slices	28	User CV12	1.00	
	ACQ TIMING		TR Min	300.0	
	Freq	352	TR Max	700.0	
	Phase	320	User CV30	1.00	
	Freq DIR	Unswap	User CV39	1.00	
T1	Fat Shift DIR	Normal	User CV Mask2	256	7
T1 - ARDL H Sag	NEX	1.50	MULTI-PHASE		ag
エ	# of Acq. Before Pause	0	Seperate Series	0	- U
	Phase FOV	1.00	Mask Phase	0	7
4RI	Auto Shim	Auto	Mask Pause	0	ARI
/ - I	Phase Correction	Yes	Preserve	0	<u> </u>
Ţ ĝı	Flow Direction Compensation	Freq	DIFFUSION		ARDL H Sag T1 - ARDL H Sag T1
Sa	RF Drive Mode	Single	Recon All Images	On	Sa
프	Excitation Mode	Selective	# Synthetic b-values	1	Ξ
ARDL H Sag	FMRI		Synthetic b-value	1000.0;	RD
A	PSD Trigger	Internal	TRACKER		⋖
	View Order	Bottom/Up	Tracker Length	200.0	
	# of Repetitions REST	0	Tracker Thickness	20.0	
	# of Repetitions ACTIVE	0			
	SAT				
	Tag Type	None			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	2			
	CONTRAST				
	Contrast Yes/No	No			
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	IMAGING PARAMETERS		SCAN TIMING	
	Imaging Mode	2D	Flip Angle	160
	Pulse Sequence	FSE-XL	TE	36.0
	Imaging Options	FC, EDR, TRF, Fast	Number of Echoes	1
	SCAN RANGE		TR	2812.0
	FOV	17.0	Echo Train Length	9
	Slice Thickness	3.00	Receiver Bandwidth	27.78
	Slice Spacing	0.3	IMAGE ENHANCE	
	Overlap Locations	0	Filter Choice	None
	Number of Slices	27	USER CVS	
	ACQ TIMING		User CV12	1.00
FS	Freq	320	TR Min	1500.0
으	Phase	288	TR Max	3300.0
2	Freq DIR	A/P	User CV30	1.00
4	Fat Shift DIR	Normal (P)	User CV39	1.00
AX	NEX	1.00	User CV Mask2	256
≥	Phase FOV	1.00	MULTI-PHASE	
Z Z	Auto Shim	Auto	Seperate Series	0
AF	Phase Correction	Yes	Mask Phase	0
<u>.</u>	Flow Direction Compensation	Freq	Mask Pause	0
Ü o	RF Drive Mode	Single	Preserve	0
ARDL M AX PD (No FS) - ARDL M AX PD (No	Excitation Mode	Selective	DIFFUSION	
В	FMRI		Recon All Images	On
AX	PSD Trigger	Internal	# Synthetic b-values	1
Ž	View Order	Bottom/Up	Synthetic b-value	1000.0;
Ы	# of Repetitions REST	0	CONTRAST	
AR	# of Repetitions ACTIVE	0	Contrast Yes/No	No
	SAT			
	Tag Type	None		
	TRICKS			
	Pause On/Off	On		
	Auto Subtract	0		
	Auto SCIC	2		

ARDL M AX PD (No FS) - ARDL M AX PD (No FS)

	<u> </u>		AINDL ZUZZ-AIINIG 30		
IMAG	GING PARAMETERS		SCAN TIMING		
Imag	ging Mode	2D	Flip Angle	160	
Puls	se Sequence	FSE-XL	TE	68.0	
Imag	ging Options	FC, EDR, TRF, Fast	Number of Echoes	1	
SCA	N RANGE		TR	5217.0	
FOV	,	17.0	Echo Train Length	16	
Slice	e Thickness	3.00	Receiver Bandwidth	27.78	
Slice	e Spacing	0.3	IMAGE ENHANCE		
Ove	rlap Locations	0	Filter Choice	None	
Num	ber of Slices	27	USER CVS		
ACO	TIMING		User CV12	1.00	
Freq		288	User CV19	1.00	
Phor	•	288	TR Min	1500.0	
Eron	i DIR	A/P	TR Max	1000.0	
\sim	Shift DIR	Normal (P)	User CV30	1.00	
NEX		1.00	User CV39	1.00	
≥ Phas	se FOV	1.00	User CV Mask2	256	
Auto	Shim	Auto	MULTI-PHASE		-
Y Phas	se Correction	Yes	Seperate Series	0	
Flow	v Direction	Freq	Mask Phase	0	
Com	pensation		Mask Pause	0	
RFC	Orive Mode	Single	Preserve	0	
Exci	tation Mode	Selective		0	_
≥ FMR	l .		DIFFUSION	•	-
PSD	Trigger	Internal	Recon All Images	On	
Yiew	v Order	Bottom/Up	# Synthetic b-values	1	
# of	Repetitions REST	0	Synthetic b-value	1000.0;	
# of	Repetitions ACTIVE	0	CONTRAST		
SAT			Contrast Yes/No	No	
	Туре	None			
_	Water Saturation	Fat Classic			
TRIC	rke				
	se On/Off	On			
	Se On/On Subtract	0			
	SCIC	2			
Auto	3010	۷			

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	160	
	Pulse Sequence	FSE-XL	TE	Min Full	
	Imaging Options	FC, EDR, TRF, Fast, ARC	Number of Echoes	1	
	Phase	2.00	TR	354.0	
	SCAN RANGE		Echo Train Length	2	
	FOV	17.0	Receiver Bandwidth	25.00	
	Slice Thickness	3.0	IMAGE ENHANCE		
	Slice Spacing	0.5	Filter Choice	С	
	Number of Slices	40	GATING/TRIGGER		
	ACQ TIMING		Auto Trigger Type	Off	
	Freq	384	FMRI		
	Phase	288	PSD Trigger	Internal	
	Freq DIR	S/I	Slice Order	Interleaved	
	Fat Shift DIR	Normal (I)	View Order	Bottom/Up	
	NEX	1.00	# of Repetitions REST	0	
	# of Acq. Before Pause	0	# of Repetitions ACTIVE	0	
1.	Auto Shim	Auto	SAT	-	1.
así	Phase Correction	Yes		None	así
contrastcontrast	Flow Direction Compensation	Freq	Tag Type	None	contrastcontrast
Ö	RF Drive Mode	Single	TRICKS		P
	Excitation Mode	Selective	Pause On/Off	On	
ast	USER CVS		Auto Subtract Auto SCIC	0	ast
onti	TR Min	300.0		2	onti
ပိ	TR Max	700.0	CONTRAST		Ö
	User CV30	1.00	Contrast Yes/No	No	
	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;			
	TRACKER				
	Tracker Length	200.0			
	Tracker Thickness	20.0			

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	160	
	Pulse Sequence	FSE-XL	TE	Min Full	
	Imaging Options	EDR, TRF, Fast, ARC	Number of Echoes	1	
	Phase	2.00	TR	692.0	
	SCAN RANGE		Echo Train Length	3	
	FOV	16.0	Receiver Bandwidth	20.83	
	Slice Thickness	4.0	IMAGE ENHANCE		
	Slice Spacing	1.0	Filter Choice	None	
	Number of Slices	25	GATING/TRIGGER		
	ACQ TIMING		Auto Trigger Type	Off	
	Freq	352	FMRI		
	Phase	256	PSD Trigger	Internal	
	Freq DIR	R/L	Slice Order	Interleaved	
	Fat Shift DIR	Normal (L)	View Order	Bottom/Up	
	NEX	1.00	# of Repetitions REST	0	
	# of Acq. Before Pause	0	# of Repetitions ACTIVE	0	
	Auto Shim	Auto	-	0	
Y	Phase Correction	Yes	SAT		Y
FS	RF Drive Mode	Single	Tag Type	None	FS
그	Excitation Mode	Selective	Fat/Water Saturation	Fat Classic	
FS +C - Ax	USER CVS		TRICKS		+C - Ax T1 FS
0	User CV8	1.00	Pause On/Off	On	Ö
+	User CV9	1.00	Auto Subtract	0	+
щ	User CV19	1.00	Auto SCIC	2	FS
Ax T1	User CV21	1.00			Ax T1
Ä	TR Min	300.0			Ž
	TR Max	750.0			
	User CV30	1.00			
	User CV39	1.00			
	User CV Mask2	256			
	MULTI-PHASE		l		
	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	Yes			

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IMAGING PARAMETERS		SCAN TIMING
Imaging Mode	3D	Flip Angle
Pulse Sequence	LAVA	Number of Echoes
Imaging Options	EDR, Fast, ARC	TI
Phase	2.00	Receiver Bandwidt
Slice	1.00	IMAGE ENHANCE
SCAN RANGE		Filter Choice
FOV	21.4	USER CVS
Slice Thickness	0.70	User CV30
Location per Slab	132	User CV Mask2
Overlap Locations	0	
Number of Slices	1	MULTI-PHASE
ACQ TIMING		Seperate Series Trigger Delay witho
Freq	288	Mask Phase
Phase	288	Mask Pause
Freq DIR	S/I	Preserve
NEX	1.00	
Phase FOV	1.00	DIFFUSION
Auto Shim	Auto	Recon All Images
Phase Correction	No	Multi b-values
RF Drive Mode	Single	Multi NEX Values
Excitation Mode	Selective	# Synthetic b-value
FMRI		Synthetic b-value
PSD Trigger	Internal	TRACKER
View Order	Bottom/Up	Tracker Length
# of Repetitions REST	0	Tracker Thickness
# of Repetitions ACTIVE	0	
SAT		
Tag Type	None	
Fat/Water Saturation	Fat Special	
TRICKS		
Pause On/Off	On	
Auto Subtract	0	
Auto SCIC	2	
CONTRAST		
Contrast Yes/No	Yes	
	Imaging Mode Pulse Sequence Imaging Options Phase Slice SCAN RANGE FOV Slice Thickness Location per Slab Overlap Locations Number of Slices ACQ TIMING Freq Phase Freq DIR NEX Phase FOV Auto Shim Phase Correction RF Drive Mode Excitation Mode FMRI PSD Trigger View Order # of Repetitions REST # of Repetitions ACTIVE SAT Tag Type Fat/Water Saturation TRICKS Pause On/Off Auto Subtract Auto SCIC CONTRAST	Imaging Mode Pulse Sequence LAVA Imaging Options EDR, Fast, ARC Phase 2.00 Slice 1.00 SCAN RANGE FOV 21.4 Slice Thickness 0.70 Location per Slab 132 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 288 Phase Phase 288 Freq DIR S/I NEX 1.00 Phase FOV 1.00 Auto Shim Auto Phase Correction No RF Drive Mode Excitation Mode Single Excitation Mode Selective FMRI PSD Trigger Internal View Order Bottom/Up # of Repetitions REST # of Repetitions ACTIVE SAT Tag Type None Fat/Water Saturation Fat Special TRICKS Pause On/Off Auto SCIC 2 CONTRAST

SCAN HIMING	
Flip Angle	22
Number of Echoes	1
TI	26
Receiver Bandwidth	31.25
IMAGE ENHANCE	
Filter Choice	Α
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	
Recon All Images	On
Multi b-values	1000.0;
Multi NEX Values	1.0;
# Synthetic b-values	1
Synthetic b-value	1000.0;
TRACKER	
Tracker Length	120.0
Tracker Thickness	20.0

3D COR LAVA POST GAD - 3D COR LAVA POST GAD