IMAG	ING PARAMETERS	
Imagi	ng Mode	2D
Pulse	Sequence	Gradient Echo
Imagi	ng Options	Seq, Fast
SCAN	I RANGE	
FOV		30.0
Slice	Thickness	7.00
Slice	Spacing	3.0
Overl	ap Locations	0
ACQ	TIMING	
Freq		256
Phase	•	128
Freq I	DIR	Unswap
I NEX		1.00
Phase	e FOV	1.00
Auto	Shim	Auto
Phase	e Correction	No
RF Dr	ive Mode	Optimized
Phase Phase RF Dr Excita USER USER USER USER	ation Mode	Selective
□ USER	CVS	
User (CV20	1.00
User	CV Mask2	0
MULT	T-PHASE	
Seper	ate Series	0
Mask	Phase	0
Mask	Pause	0
Prese	rve	0
DIEEL	JSION	
DIFFU	01014	
	n All Images	On
Reco		On 1
Recoi # Syn	n All Images	
Recoi # Syn Synth	n All Images thetic b-values	1

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

3pl LOC LEFT - 3pl LOC LEFT

	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Gradient Echo
	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
ght	NEX	1.00
Ξ.	Phase FOV	1.00
8	Auto Shim	Auto
Ę	Phase Correction	No
. 3p	RF Drive Mode	Optimized
ht.	Excitation Mode	Selective
3pl LOC Right - 3pl LOC Right	USER CVS	
၁င	User CV20	1.00
) L	User CV Mask2	0
35	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

3pl LOC Right - 3pl LOC Right

IMAGING PARAMETERS SCAN TIMING	
Imaging Mode 2D Flip Angle 150	
Pulse Sequence FSE-XL TE 33.0	
Imaging Options FC, EDR, TRF, Fast, Number of Echoes 1 ZIP1024, ARC TD 1623.0	
Dhase 2.00	
Ecno Train Length 9	
SCAN RANGE Receiver Bandwidth 50.00	
FOV 16.0 IMAGE ENHANCE	
Slice Thickness 3.00 Filter Choice None	
Slice Spacing 0.2 USER CVS	
Overlap Locations 0	
Number of Slices 30 TR Min 1500.0	
ACQ TIMING TR Max 3000.0	
Freq. 352	(0)
Phase 352	FS
Freq DIR S/I	PD
Fat Shift DIR Normal (S)	AG P
NEX 1.50 Seperate Series 0	Ś
# of Acq. Before Pause 0 Mask Phase 0	nec
Phase FOV 1.00 Mask Pause 0 Preserve 0	ㅁ
auto Shim Auto	FS - ardl med SAG
Phase Correction Yes DIFFUSION	ဟ္
Flow Direction Freq Recon All Images On	PD F
Compensation # Synthetic b-values 1 RF Drive Mode Quadrature (CP) Synthetic b-values 1	<u> </u>
RF Drive Mode Quadrature (CP) Synthetic b-value 1000.0;	3AG
CONTRAST	ardl med SAG
FMRI Contrast Yes/No No	me
PSD Trigger Internal	ID
Bottom op	B
# of Repetitions REST 0	
# 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	
	Imaging Mode	2D
	Pulse Sequence	FSE-XL
	Imaging Options	FC, EDR, TRF, Fast, ZIP1024, ARC
	Phase	1.30
	SCAN RANGE	
	FOV	16.0
	Slice Thickness	3.00
	Slice Spacing	0.2
	Overlap Locations	0
	Number of Slices	37
	ACQ TIMING	
	Freq	320
BL	Phase	320
0	Freq DIR	A/P
咒	Fat Shift DIR	Normal (A)
\ t2	NEX	1.50
3	Phase FOV	1.00
ped	Auto Shim	Auto
μ	Phase Correction	Yes
ardl med AX t2 FS OBL - ardl med AX t2 FS OBI	Flow Direction Compensation	Slice
B	RF Drive Mode	Quadrature (CP)
S	Excitation Mode	Selective
12 F	FMRI	
×	PSD Trigger	Internal
þ,	View Order	Bottom/Up
me	# of Repetitions REST	0
ardl	# of Repetitions ACTIVE	0
	SAT	
	Tag Type	None
	Fat/Water Saturation	Fat Classic
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	2
	CONTRAST	
	Contrast Yes/No	No

SCAN TIMING	
Flip Angle	150
TE	68.0
Number of Echoes	1
TR	5892.0
Echo Train Length	16
Receiver Bandwidth	50.00
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV19	1.00
TR Min	1500.0
TR Max	10000.0
User CV30	1.00
User CV Mask2	512
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

ard med AX t2 FS OBL - ard med AX t2 FS OBL

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	150	
	Pulse Sequence	FSE-XL	TE	35.0	
	Imaging Options	FC, EDR, TRF, Fast,	Number of Echoes	1	
	Di	ZIP1024, ARC	TR	1607.0	
	Phase	1.40	Echo Train Length	9	
	SCAN RANGE		Receiver Bandwidth	50.00	
	FOV	16.0	IMAGE ENHANCE		
	Slice Thickness	3.00	Filter Choice	None	
	Slice Spacing	0.2	USER CVS		
	Overlap Locations	0	TR Min	1500.0	
	Number of Slices	37	TR Max	3000.0	
	ACQ TIMING		User CV30	1.00	
	Freq	320	User CV Mask2	512	
	Phase	320		312	
(PD	Freq DIR	A/P	MULTI-PHASE		
Ã	Fat Shift DIR	Normal (A)	Seperate Series	0	Ã
per	NEX	1.50	Mask Phase	0	be
ш =	# of Acq. Before Pause	0	Mask Pause	0	=
- ardl med AX	Phase FOV	1.00	Preserve	0	- ardl med AX PD
	Auto Shim	Auto	DIFFUSION		
PD	Phase Correction	Yes	Recon All Images	On	곱
ardl med AX	Flow Direction	Freq	# Synthetic b-values	1	ardl med AX PD
eq	Compensation	0 (0.5)	Synthetic b-value	1000.0;	eq
E _	RF Drive Mode	Quadrature (CP)	CONTRAST		E
ard	Excitation Mode	Selective	Contrast Yes/No	No	ard
	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	2			

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	150	
	Pulse Sequence	FSE-XL	TE	37.0	
	Imaging Options	FC, EDR, TRF, Fast, ZIP1024, ARC	Number of Echoes	1	
	Phase	1.00	TR	2283.0	
		1.00	Echo Train Length	9	
	SCAN RANGE		Receiver Bandwidth	41.67	
	FOV	16.0	IMAGE ENHANCE		
	Slice Thickness	3.00	Filter Choice	None	
	Slice Spacing	0.2	USER CVS		
	Overlap Locations	0	User CV19	1.00	
	Number of Slices	40	TR Min	1500.0	
	ACQ TIMING		TR Max	3000.0	
ES.	Freq	352	User CV30	1.00	FS
PD	Phase	320	User CV Mask2	512	PD
ᄶ	Freq DIR	S/I			□ α
Ö	Fat Shift DIR	Normal (I)	MULTI-PHASE		
) pe	NEX	1.00	Seperate Series	0	Di Di
ш.	Phase FOV	1.00	Mask Phase	0	Ĕ
- ardl med COR	Auto Shim	Auto Yes Freq	Mask Pause Preserve	0 0	FS - ardl med COR
1	Phase Correction			0	10
FS (Flow Direction Compensation		DIFFUSION	0.5	FS
П	RF Drive Mode	Quadrature (CP)	Recon All Images	On 1	급
SR	Excitation Mode	Selective	# Synthetic b-values	1 1000.0;	SR
ardI med COR PD	FMRI		Synthetic b-value	1000.0,	ardl med COR PD
nec	PSD Trigger	Internal	CONTRAST		Jec
d r	View Order	Bottom/Up	Contrast Yes/No	No	등
ar	# of Repetitions REST	0			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		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	111	
	Pulse Sequence	FSE-XL	TE	Min Full	
	Imaging Options	EDR, TRF, Fast, ZIP1024,	Number of Echoes	1	
	Dhana	ARC	TR	620.0	
	Phase	2.00	Echo Train Length	5	
	SCAN RANGE		Receiver Bandwidth	62.50	
	FOV	16.0	IMAGE ENHANCE		
	Slice Thickness	3.00	Filter Choice	None	
	Slice Spacing	0.2	USER CVS		
	Overlap Locations	0	TR Min	600.0	
	Number of Slices	40	TR Max	850.0	
	ACQ TIMING		User CV30	1.00	
40	Freq	640	User CV Mask2	512	4
fse	Phase	512		372	<u> </u>
7	Freq DIR	S/I	MULTI-PHASE		-
ag	Fat Shift DIR	Normal (I)	Seperate Series	0	a a
S	NEX	1.50	Mask Phase	0	0
hig	# of Acq. Before Pause	0	Mask Pause	0	D. C.
ardl high Sag T1 fse - ardl high Sag	Phase FOV	1.00	Preserve	0	ard hich Sag T1 fse - ard hich Sag T1 fse
a a	Auto Shim	Auto	DIFFUSION		i d
Se	Phase Correction	Yes	Recon All Images	On	o o
Ξ	RF Drive Mode	Quadrature (CP)	Multi b-values	1000.0;	Σ
gg .	Excitation Mode	Selective	Multi NEX Values	1.0;	g
လွ	FMRI		# Synthetic b-values	1	ő
gi	PSD Trigger	Internal	Synthetic b-value	1000.0;	jo
무	View Order	Bottom/Up	TRACKER		5
a	# of Repetitions REST	0	Tracker Length	200.0	מ
	# of Repetitions ACTIVE	0	Tracker Thickness	20.0	
	SAT				
	Tag Type	None			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	2			
	CONTRAST				
	Contrast Yes/No	No			

	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	3D	TE	160.0	
	Pulse Sequence	Cube	Number of Echoes	1	
	Imaging Options	FC, EDR, Fast, FR, ARC	TR	2289.0	
	Phase	2.00	Echo Train Length	130	
	Slice	1.00	Receiver Bandwidth	62.50	
	SCAN RANGE		IMAGE ENHANCE		
	FOV	15.0	Filter Choice	G	
	Slice Thickness	0.4	USER CVS		
	Location per Slab	160	User CV22	2.00	
	Overlap Locations	0	User CV29	1.00	
	Number of Slices	1	User CV32	1.00	
	ACQ TIMING		User CV34	null	
	Freq	240	User CV Mask2	3074	
	Phase	200	MULTI-PHASE		===Options===
:SU	Freq DIR	R/L	Seperate Series	0	ü
otio	Fat Shift DIR	Normal (L)	Mask Phase	0	otic
Õ	NEX	2.00	Mask Pause	0	Q
░	Phase FOV	0.80	Preserve	0	∦
i	Auto Shim	Auto	DIFFUSION		i
-	Phase Correction	No		On	H H
===Options=== - ===Options===	Flow Direction Compensation	Slice	Recon All Images # Synthetic b-values	1	===Options===
pti	RF Drive Mode	Preset	Synthetic b-value	1000.0;	pti
<u> </u>	Excitation Mode	Focus	•	1000.0,	1
ii		7 0003	CONTRAST		ii
	FMRI		Contrast Yes/No	No	
	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	3			

		_		
	IMAGING PARAMETERS		SCAN TIMING	
	Imaging Mode	2D	Flip Angle	150
	Pulse Sequence	FSE-XL	TE	68.0
	Imaging Options	FC, EDR, TRF, Fast,	Number of Echoes	1
		ZIP1024, ARC	TR	8250.0
	Phase	1.30	Echo Train Length	16
	SCAN RANGE		Receiver Bandwidth	31.25
	FOV	16.0	IMAGE ENHANCE	
	Slice Thickness	3.00	Filter Choice	None
	Slice Spacing	0.2		None
	Overlap Locations	0	USER CVS	
	Number of Slices	37	User CV19	1.00
	ACQ TIMING		TR Min	1500.0
	Freq	416	TR Max	10000.0
묾	Phase	416	User CV30	1.00
Ö	Freq DIR	A/P	User CV Mask2	512
FS OBL - ardl med AX t2 FS OBL	Fat Shift DIR	Normal (A)	MULTI-PHASE	
72	NEX	1.50	Seperate Series	0
AX	Phase FOV	1.00	Mask Phase	0
eq	Auto Shim	Auto	Mask Pause	0
Ē	Phase Correction	Yes	Preserve	0
ard	Flow Direction	Slice	DIFFUSION	
i	Compensation	<i></i>	Recon All Images	On
B	RF Drive Mode	Quadrature (CP)	# Synthetic b-values	1
S	Excitation Mode	Selective	Synthetic b-value	1000.0;
검	FMRI		TRACKER	
ardl med AX t2	PSD Trigger	Internal	Tracker Length	200.0
pe /	View Order	Bottom/Up	Tracker Thickness	20.0
Ĕ	# of Repetitions REST	0		20.0
ard	# of Repetitions ACTIVE	0		
(0	SAT			
	Tag Type	None	•	
	Fat/Water Saturation	Fat Classic		
	TRICKS			
	Pause On/Off	On	ı	
	Auto Subtract	0		
	Auto SCIC	2		
	CONTRAST			
	Contrast Yes/No	No		
	JOHN 831 163/NO	140		

ardl med AX t2 FS OBL - ardl med AX t2 FS OBL

	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	150	
	Pulse Sequence	FSE-XL	TE	37.0	
	Imaging Options	FC, EDR, TRF, Fast,	Number of Echoes	1	
ardI med COR PD FS - ardI med COR PD FS	Phase	ZIP1024, ARC 1.00	TR	2795.0	
		1.00	Echo Train Length	9	
	SCAN RANGE		Receiver Bandwidth	31.25	
	FOV	16.0	IMAGE ENHANCE		
	Slice Thickness	3.00	Filter Choice	None	
	Slice Spacing	0.2	USER CVS		
	Overlap Locations	0	User CV19	1.00	т
	Number of Slices	40	TR Min	1500.0	
	ACQ TIMING		TR Max	3000.0	FS
	Freq	416	User CV30	1.00	
	Phase	416	User CV Mask2	512	2
	Freq DIR	S/I	MULTIPUACE		
	Fat Shift DIR	Normal (I)	MULTI-PHASE	0	FS - ardI med COR PD
	NEX	1.00	Seperate Series Mask Phase	0 0	3
	Phase FOV	1.00	Mask Phase Mask Pause	0	3
	Auto Shim	Auto	Preserve	0	3
	Phase Correction	Yes		0	
	Flow Direction Compensation	Freq	DIFFUSION Recon All Images	On	
	RF Drive Mode	Quadrature (CP)	# Synthetic b-values	1	ב
	Excitation Mode	Selective	Synthetic b-value	1000.0;	
	FMRI		-	7000.0,	
	PSD Trigger	Internal	CONTRAST		
	View Order	Bottom/Up	Contrast Yes/No	No	=
	# of Repetitions REST	0			Ö
	# of Repetitions ACTIVE	0			
	SAT				
	Tag Type	None			
	Fat/Water Saturation	Fat Classic			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	2			