		p
	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	Fiesta
	Imaging Options	Seq, Fast
	SCAN RANGE	
	FOV	30.0
	Slice Thickness	5.00
	Slice Spacing	0.0
	Overlap Locations	0
	ACQ TIMING	
	Freq	256
Ses	Phase	128
兰	Freq DIR	Unswap
jer	NEX	0.50
aliz	# of Acq. Before Pause	0
00	Phase FOV	1.00
3Plane Localizer H/Res - 3Plane Localizer H/Res	Auto Shim	Auto
Plar	Phase Correction	No
- 3⊦	RF Drive Mode	Preset
es	Excitation Mode	Selective
1/R	USER CVS	
er	User CV Mask2	0
aliz	MULTI-PHASE	
Po	Seperate Series	0
ne	Mask Phase	0
Pla	Mask Pause	0
3	Preserve	0
	DIFFUSION	
	Recon All Images	On
	# Synthetic b-values	1
	Synthetic b-value	1000.0 <del>;</del>
	CONTRAST	
	Contrast Yes/No	No

(OO1/(1L 2020		
SCAN TIMING		
Flip Angle	45	
TE	Min Full	
Number of Echoes	1	
Receiver Bandwidth	100.00	
IMAGE ENHANCE		
Filter Choice	None	
GATING/TRIGGER		
Pause After Navigator Prescan	0	
FMRI		40
PSD Trigger	Internal	Ses
View Order	Bottom/Up	至
# of Repetitions REST	0	Je.
# of Repetitions ACTIVE	0	Saliz
SAT		Го
Tag Type	None	3Plane Localizer H/Res - 3Plane Localizer H/Res
TRICKS		3Pl
Pause On/Off	On	1 (0
Auto Subtract	0	ě
Auto SCIC	Off	主
		zer
		Sali
		ě
		ne
		Pla
		လ

	IMAGING PARAMETERS	
	Imaging Mode	2D
	Pulse Sequence	FSE-XL
	Imaging Options	EDR, TRF, Fast, ARC
	Phase	2.00
	SCAN RANGE	
	FOV	32.0
	Slice Thickness	6.00
	Slice Spacing	2.0
	Overlap Locations	0
	Number of Slices	35
	ACQ TIMING	
	Freq	512
	Phase	288
uc	Freq DIR	A/P
atic	Fat Shift DIR	Normal (A)
urc:	NEX	0.50
B	# of Acq. Before Pause	0
SE	Phase FOV	1.00
7 T	Auto Shim	Auto
×	Phase Correction	No
- A	RF Drive Mode	Preset
ion	Excitation Mode	Selective
Ax T1 FSE Bifurcation - Ax T1 FSE Bifurcation	FMRI	
ifu	PSD Trigger	Internal
Ш	View Order	Bottom/Up
FS	# of Repetitions REST	0
Ţ	# of Repetitions ACTIVE	0
Ax	SAT	
	SAT Location	Α
	SAT Location	S
	SAT Location	1
	Tag Type	None
	TRICKS	
	Pause On/Off	On
	Auto Subtract	0
	Auto SCIC	3
	CONTRAST	
	Contrast Yes/No	No

SCAN TIMING	
Flip Angle	111
TE	Min Full
Number of Echoes	1
TR	772.0
Echo Train Length	4
Receiver Bandwidth	62.50
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV17	1.00
TR Min	400.0
TR Max	850.0
User CV30	1.00
User CV Mask2	1024
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

Ax T1 FSE Bifurcation - Ax T1 FSE Bifurcation

	IMAGING PARAMETERS		
	Imaging Mode	2D	
	Pulse Sequence	FSE-XL	
	Imaging Options	TRF, Fast, ZIP512, FR	
	SCAN RANGE		
	FOV	18.0	
	Slice Thickness	3.00	
	Slice Spacing	Intleave	
	Overlap Locations	0	
	Number of Slices	29	
Μ-	ACQ TIMING		
3DI	Freq	448	
A (	Phase	256	
3/(2	Freq DIR	A/P	
Т2	Fat Shift DIR	Normal (A)	
SE	NEX	1.00	
RF	Phase FOV	1.00	
n F	Auto Shim	Auto	
Thi	Phase Correction	Yes	
γ×.	RF Drive Mode	Preset	
′ - V	Excitation Mode	Selective	
V To	FMRI		
RE	PSD Trigger	Internal	
d 0	View Order	Bottom/Up	
2 3/	# of Repetitions REST	0	
Ξ T.	# of Repetitions ACTIVE	0	
FSE	SAT		
FR	Tag Type	None	
Ax Thin FRFSE T2 3/0 ARDL M - Ax Thin FRFSE T2 3/0 ARDL M	TRICKS		
Ι×	Pause On/Off	On	
⋖	Auto Subtract	0	
	Auto SCIC	3	
	CONTRAST		
	Contrast Yes/No	No	

SCAN TIMING	
Flip Angle	111
TE	102.0
Number of Echoes	1
TR	2816.0
Echo Train Length	16
Receiver Bandwidth	35.71
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV15	1
TR Min	2000.0
TR Max	11000.0
User CV30	1.00
User CV Mask2	1024
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

Ax Thin FRFSE T2 3/0 ARDL M - Ax Thin FRFSE T2 3/0 ARDL M

Imaging Mode						
Pulse Sequence   Spin Echo   Number of Echoes   1   Imaging Options   EDR, EPI, DIFF, Asset   TR   3775.0   Phase   2.00   Number of Shots   1   Receiver Bandwidth   111.11    SCAN RANGE   FOV   28.0   IMAGE ENHANCE   Slice Thickness   3.00   Filter Choice   None   Slice Spacing   Intleave   USER CVS   Overlap Locations   0   User CV5   1.00   Number of Slices   29   User CV Mask2   0    ACQ TIMING   Freq   128   Seperate Series   0   Phase   128   Mask Phase   0   Phase FOV   1.00   Preserve   0   Auto Shim   Auto   Phase Correction   Yes   Phase   Freq Mode   Preset   Excitation Mode   Selective   Selective   Selective   Selective   Selection   Number of Diffusion   3    FMRI   Imaging Options   1   Imaging 3775.0   Imaging 3775.0   Number of Shots   1   Imaging 3775.0   Imaging 3775.0   Number of Shots   1   Imaging 3775.0   Imaging 3775.0   Number of Shots   1   Imaging 3775.0   Number of Diffusion   3   Imaging 3775.0   Number of Diffusion   3   Imaging 3775.0   Number of Diffusion   3   Imaging 3775.0   Number						
Imaging Options   EDR, EPI, DIFF, Asset   TR   3775.0     Phase   2.00   Number of Shots   1     Receiver Bandwidth   111.11     FOV   28.0   IMAGE ENHANCE     Slice Thickness   3.00   Filter Choice   None     Slice Spacing   Intleave   USER CVS     Overlap Locations   0   User CV5   1.00     Number of Slices   29   User CV Mask2   0     ACQ TIMING   Freq   128   Seperate Series   0     Phase   128   Mask Phase   0     Phase FOV   1.00   Preserve   0     Auto Shim   Auto   Phase Correction   Yes   RF Drive Mode   Preset   Excitation Mode   Selective   Diffusion Directions   3     FMRI				- <del>-</del>		
Phase   2.00   Number of Shots   1		•	,		•	
SCAN RANGE FOV 28.0 Slice Thickness 3.00 Filter Choice None  USER CVS Overlap Locations 0 Number of Slices 29 User CV5 1.00 User CV Mask2 0  ACQ TIMING Freq 128 Phase 128 Phase 128 Phase FOV 1.00 Auto Shim Auto Phase Correction Yes RF Drive Mode Preset Excitation Mode Selective  Receiver Bandwidth 1111.11  IMAGE ENHANCE  None  USER CVS User CV Mask2 0  WULTI-PHASE Seperate Series 0 Mask Phase 0 Preserve 0  DIFFUSION Optimized TE Yes Diffusion Directions All Number of Diffusion Directions 3						
FOV 28.0 Slice Thickness 3.00 Slice Spacing Intleave Overlap Locations 0 Number of Slices 29  ACQ TIMING Freq 128 Phase 128 Phase 128 Freq DIR R/L Phase FOV 1.00 Auto Shim Auto Phase Correction Yes RF Drive Mode Preset Excitation Mode Selective  IMAGE ENHANCE Filter Choice None  USER CVS User CV Mask2 0  MULTI-PHASE Seperate Series 0 Mask Phase 0 Mask Phase 0 Preserve 0  DIFFUSION Optimized TE Yes Diffusion Directions Number of Diffusion Directions  Number of Diffusion Directions  ONE  Prove Mode All Number of Diffusion Directions  Number of Diffusion Directions		Phase	2.00		•	
Slice Thickness 3.00 Slice Spacing Intleave Overlap Locations 0 Number of Slices 29  ACQ TIMING Freq 128 Phase 128 Freq DIR R/L Phase FOV 1.00 Auto Shim Auto Phase Correction Yes RF Drive Mode Preset Excitation Mode Selective  FMRI  Slice Thickness 3.00 Filter Choice None  USER CVS User CV Mask2 0  MULTI-PHASE Seperate Series 0 Mask Phase 0 Filter Choice None  I JOB None  USER CVS User CV Mask2 0  DIFFUSION  Preserve 0  DIFFUSION Number of Diffusion Directions		SCAN RANGE		Receiver Bandwidth	111.11	
Slice Spacing Intleave Overlap Locations 0 Number of Slices 29  ACQ TIMING Freq 128 Phase 128 Freq DIR R/L Phase FOV 1.00 Auto Shim Auto Phase Correction Yes RF Drive Mode Preset Excitation Mode Selective  Slice Spacing Intleave USER CVS User CV Mask2 0  MULTI-PHASE Seperate Series 0 Mask Phase 0 Preserve 0  DIFFUSION Optimized TE Yes Diffusion Directions A/I Number of Diffusion Directions		FOV	28.0	IMAGE ENHANCE		
		Slice Thickness	3.00	Filter Choice	None	
	7	Slice Spacing	Intleave	USER CVS		
	R	Overlap Locations	0	User CV5	1.00	R
	m A	Number of Slices	29	User CV Mask2	0	m A
	0ml	ACQ TIMING		MIII TLDHASE		0ml
	3/	Freq	128		0	3/
	100	Phase	128	•	-	100
	20/	Freq DIR	R/L		-	20/
	0/7	Phase FOV	1.00		•	12/0
	40	Auto Shim	Auto		· ·	40(
	b1	Phase Correction	Yes		V	b1
	$\mathbb{Z}$	RF Drive Mode	Preset	•		$\leq$
	×	Excitation Mode	Selective			×
PSD Trigger   Internal   Number of T2 Images   0   Table 1   10   10   10   10   10   10   10		FMRI			3	
View Order Bottom/Up Dual Spin Echo Off # of Repetitions REST 0 Recon All Images On # of Repetitions ACTIVE 0 Multi b-values 1400.0;750.0;100.0;  SAT Multi NEX Values 3.0;3.0;1.0;  Tag Type None Real Time Field Adjustment  TRICKS # Synthetic b-values 2  Pause On/Off On Synthetic b-value 2000.0;2500.0;  Auto Subtract Off Tracker Length 200.0  CONTRAST Contrast Yes/No No		PSD Trigger	Internal	Number of T2 Images	0	
# of Repetitions REST 0 # of Repetitions ACTIVE 0  Multi b-values 1400.0;750.0;100.0;  SAT Tag Type None  TRICKS Pause On/Off On Synthetic b-value 2000.0;2500.0;  Auto Subtract 0 Auto SCIC Off  CONTRAST Contrast Yes/No No	RD	View Order	Bottom/Up	Dual Spin Echo	Off	RD
# of Repetitions ACTIVE 0  Multi b-values 1400.0;750.0;100.0;  Multi NEX Values 3.0;3.0;1.0;  Multi NEX Values 3.0;3.0;1.0;  Real Time Field Adjustment  TRICKS  Pause On/Off On Synthetic b-value 2000.0;2500.0;  Auto Subtract 0  Auto SCIC Off  CONTRAST  Contrast Yes/No No	٦A	# of Repetitions REST	0	Recon All Images	On	٧
SAT Tag Type None None Real Time Field Adjustment TRICKS Pause On/Off Auto Subtract Auto SCIC Off CONTRAST Contrast Yes/No None  Multi NEX Values 3.0;3.0;1.0; Real Time Field Adjustment 1  Synthetic b-values 2 2000.0;2500.0; TRACKER Tracker Length 200.0  Tracker Thickness 20.0	Ш	# of Repetitions ACTIVE	0	Multi b-values	1400.0;750.0;100.0;	m.
Tag Type None Real Time Field Adjustment  TRICKS # Synthetic b-values 2  Pause On/Off On Synthetic b-value 2000.0;2500.0;  Auto Subtract 0 Auto SCIC Off Tracker Length 200.0  CONTRAST Contrast Yes/No No	3/0	SAT		Multi NEX Values	3.0;3.0;1.0;	3/0
TRICKS  Pause On/Off On Synthetic b-value 2000.0;2500.0;  Auto Subtract Auto SCIC Off Tracker Length Tracker Thickness 2000.0;2500.0;  TRACKER Tracker Length Tracker Thickness 2000.0;2500.0;  TRACKER Tracker Length Tracker Thickness 2000.0;2500.0;	/100	Tag Type	None		1	/100
Pause On/Off On Synthetic b-value 2000.0;2500.0; Auto Subtract 0 Auto SCIC Off Tracker Length 200.0 CONTRAST 200.0 Contrast Yes/No No	,20	TRICKS		# Synthetic b-values	2	,20
Auto Subtract 0 Auto SCIC Off  CONTRAST  Contrast Yes/No No	7/00	Pause On/Off	On	Synthetic b-value	2000.0;2500.0;	7/00
Auto SCIC  Off  Tracker Length  200.0  CONTRAST  Tracker Thickness  20.0	140	Auto Subtract	0	TRACKER		140
CONTRAST  Tracker Thickness 20.0	q	Auto SCIC	Off		200.0	/I b
Contrast Yes/No No	<u></u>	CONTRAST		· ·		$\leq$
4	Ax	Contrast Yes/No	No			Ä

	IMAGING PARAMETERS		SCAN RANGE		
	Imaging Mode	2D	FOV	24.0	
	Pulse Sequence	Gradient Echo	Slice Thickness	10.0	
	Imaging Options	Seq, Fast	Slice Spacing	5.0	
	Acceleration Factor	1.00	ACQ TIMING		
	IMAGE ENHANCE		Freq	256	
	Filter Choice	None	Phase	128	
	GATING/TRIGGER		Freq DIR	Unswap	
	Auto Trigger Type	Off	NEX	1.00	
	7.		Phase FOV	1.00	
	MULTI-PHASE		Auto Shim	Auto	option
ion	Seperate Series	0	Phase Correction	No	
option	Mask Phase	0	RF Drive Mode	Quadrature	
	Mask Pause	0	FMRI		
	ASSET		PSD Trigger	Internal	
on-	Slice Acceleration Factor	1.00	Slice Order	Interleaved	-option-
option	Phase Acceleration Factor	1.00	View Order	Bottom/Up	pti
٦	CONTRAST		# of Repetitions REST	0	ĭ
	Contrast Yes/No	No	# of Repetitions ACTIVE	0	
			SAT		
			Tag Type	None	
			TRICKS		
			Pause On/Off	On	
			Auto Subtract	0	
			Auto SCIC	Off	

	on dddn_porvio_co1 7.c		
IMAGING PARAMET	TERS	SCAN TIMING	
Imaging Mode	2D	Flip Angle	
Pulse Sequence	FSE-XL	TE	
Imaging Options	TRF, Fast, ZIP1024, FR	Number of Echoes	
SCAN RANGE		TR	
FOV	18.0	Echo Train Length	
Slice Thickness	3.00	Receiver Bandwidth	
Slice Spacing	Intleave	IMAGE ENHANCE	
Overlap Locations	0	Filter Choice	
Number of Slices	33	USER CVS	
ACQ TIMING		User CV15	
Freq	448	TR Min	
Phase	384	TR Max	
Freq DIR	A/P	User CV30	
Fat Shift DIR	Normal (A)	User CV Mask2	
NEX	1.00	MULTI-PHASE	
Phase FOV	1.00	Seperate Series	
Auto Shim	Auto	Mask Phase	
Freq DIR Fat Shift DIR NEX Phase FOV Auto Shim Phase Correction RF Drive Mode	Yes	Mask Pause	
RF Drive Mode	Preset	Preserve	
Excitation Mode	Selective	DIFFUSION	
FMRI		Recon All Images	
PSD Trigger	Internal	# Synthetic b-values	
Excitation Mode  FMRI  PSD Trigger  View Order  # of Repetitions RES  # of Repetitions AC  SAT  SAT Location	Bottom/Up	Synthetic b-value	
# of Repetitions RES	ST 0	•	
# of Repetitions AC	TIVE O	TRACKER	
SAT		Tracker Length	
SAT Location	Α	Tracker Thickness	
SAT Location	S		
SAT Location	1		
Tag Type	None		
TRICKS			
Pause On/Off	On		
Auto Subtract	0		
Auto SCIC	3		
CONTRAST			
Contrast Yes/No	No		
Contrast 169/NO	IVU		