		<u></u>
	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
Ĭ	Freq DIR	Unswap
zer	NEX	0.50
aliz	# of Acq. Before Pause	0
9	Phase FOV	1.00
e	Auto Shim	Auto
Plar	Phase Correction	No
-3	RF Drive Mode	Quadrature (CP)
es	Excitation Mode	Selective
H/R	USER CVS	
er	User CV Mask2	0
3Plane Localizer H/Res - 3Plane Localizer H/Res	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;
	CONTRAST	
	Contrast Yes/No	No

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	
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 Subtract Auto SCIC	0 Off
	•
	•
	•
	•
	•
	•

3Plane Localizer H/Res - 3Plane Localizer H/Res

		·			
	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	3D	TE	Maximum	
	Pulse Sequence	Cube	Number of Echoes	1	
	Imaging Options	EDR, Fast, ZIP512, FR, ARC	TR	3000.0	
	Phase	2.00	Echo Train Length	90	
	Slice	2.00	Receiver Bandwidth	83.33	
	SCAN RANGE		IMAGE ENHANCE		
	FOV	22.0	Filter Choice	None	
	Slice Thickness	1.0	GATING/TRIGGER		
	Location per Slab	108	Auto Trigger Type	Off	
	Overlap Locations	0	FMRI		
E	Number of Slices	1	PSD Trigger	Internal	E
2mm	ACQ TIMING		Slice Order	Interleaved	2m
T2	Freq	288	View Order	Bottom/Up	T2
Oe	Phase	224	# of Repetitions REST	0	Oe
Cube	Freq DIR	A/P	# of Repetitions ACTIVE	0	Cube T2 2mm
Sag	NEX	1.00	·		ag
ŝ	Auto Shim	Auto	SAT		Š
E	Phase Correction	No	SAT Location	A	E
2mm	RF Drive Mode	Preset	SAT Location	P	2m
T2	Excitation Mode	Selective	Tag Type	None	Sag Cube T2 2mm - Sag
pe	USER CVS		TRICKS		pe
2	User CV Mask2	0	Pause On/Off	On	S
Sag Cube	MULTI-PHASE		Auto Subtract	0	sag
0,	Seperate Series	0	Auto SCIC	Off	0,
	Mask Phase	0	OTHERS		
	Mask Pause	0	Protocol Notes	- If attempting to scan an	
	DIFFUSION			axial Cube of the pelvis, be aware that annefact artifact	
	Recon All Images	On		may be present in the images.	
	CONTRAST			 For optimal image quality, 	
	Contrast Yes/No	No		if using ARC and NPW, it is recommended to use at least a 2 NEX.	

	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	31
	ACQ TIMING	
	Freq	512
	Phase	288
on	Freq DIR	A/P
äti	Fat Shift DIR	Normal (A)
furc	NEX	0.50
<u>m</u>	# of Acq. Before Pause	0
-SE	Phase FOV	1.00
7	Auto Shim	Auto
Ι×	Phase Correction	No
۷-	RF Drive Mode	Preset
ion	Excitation Mode	Selective
Ax T1 FSE Bifurcation - Ax T1 FSE Bifurcation	FMRI	
siful	PSD Trigger	Internal
Ш	View Order	Bottom/Up
FS	# of Repetitions REST	0
11	# 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	799.0
Echo Train Length	5
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
RDL M	Number of Slices	29
	ACQ TIMING	
RD	Freq	448
0 A	Phase	256
E T2 3/0	Freq DIR	A/P
	Fat Shift DIR	Normal (A)
SE	NEX	1.00
:RFS	Phase FOV	1.00
п	Auto Shim	Auto
Thi	Phase Correction	Yes
Α×	RF Drive Mode	Preset
-	Excitation Mode	Selective
) T N	FMRI	
R	PSD Trigger	Internal
<i>y</i> 0,	View Order	Bottom/Up
2 3/	# of Repetitions REST	0
Ĥ	# of Repetitions ACTIVE	0
FSE	SAT	
Ax Thin FRFSE T2 3/0 ARDL M - Ax Thin FRFSE T2 3/0 ARDL M	Tag Type	None
hin	TRICKS	
Σ	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 PARAMETERS		SCAN TIMING	
Imaging Mode	2D	TE	Minimum
Pulse Sequence	Spin Echo	Number of Echoes	1
Imaging Options	EDR, EPI, DIFF, Asset	TR	3775.0
Phase	2.00	Number of Shots	1
SCAN RANGE		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		MULTI-PHASE	
Freq	128	Seperate Series	0
Phase	128	Mask Phase	0
Freq DIR	R/L	Mask Pause	0
Phase FOV	1.00	Preserve	0
Auto Shim	Auto	DIFFUSION	
Phase Correction	Yes	Optimized TE	Yes
RF Drive Mode	Preset	Diffusion Directions	All
Excitation Mode	Selective	Number of Diffusion	3
FMRI		Directions	3
PSD Trigger	Internal	Number of T2 Images	0
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	1
TRICKS		# Synthetic b-values	2
Pause On/Off	On	Synthetic b-value	2000.0;2500.0;
Auto Subtract	0	TRACKER	
Auto SCIC	Off	Tracker Length	200.0
CONTRAST		Tracker Thickness	20.0
Contrast Yes/No	No	_	

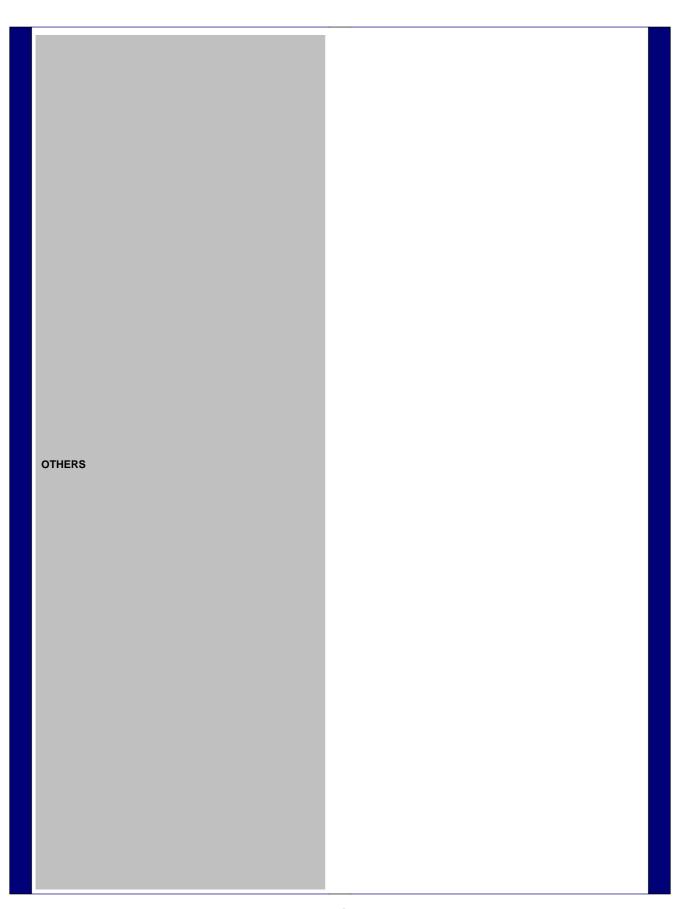
	IMACING DADAMETERS		SCAN TIMINO		
	IMAGING PARAMETERS	20	SCAN TIMING TE	A dinima was	
	Imaging Mode	2D	Number of Echoes	Minimum 1	
	Pulse Sequence	Spin Echo	TR	4000.0	
	Imaging Options	EDR, EPI, DIFF	Number of Shots	4000.0 1	
	SCAN RANGE		Number of Shots		
	FOV	24.0	IMAGE ENHANCE		
	Slice Thickness	3.00	Filter Choice	None	
	Slice Spacing	0.0	USER CVS		
	Overlap Locations	0	User CV0	1.00	
	Number of Slices	16	User CV5	1.00	
	ACQ TIMING		User CV Mask2	0	
	Freq	160	MULTI-PHASE		
	Phase	80	Seperate Series	0	
	Freq DIR	R/L	Mask Phase	0	
8	Phase FOV	0.50	Mask Pause	0	00
20	Auto Shim	Auto	Preserve	0	20
q sr	Phase Correction	Yes	DIFFUSION		q sr
))	RF Drive Mode	Preset	Optimized TE	Yes	- 100
 -	Excitation Mode	Focus	Diffusion Directions	All	1
5	FMRI		Number of Diffusion	3	
Ä	PSD Trigger	Internal	Directions		¥
) - 0	View Order	Bottom/Up	Number of T2 Images	0	0
00	# of Repetitions REST	0	Dual Spin Echo	Off	00
b2	# of Repetitions ACTIVE	0	Recon All Images	On	b2
sno	SAT		Multi b-values	2000.0;100.0;	sno
P.	Tag Type	None	Multi NEX Values	16.0;8.0;	P.
Ax DWI Focus b2000 - Ax DWI Focus b2000	TRICKS		Real Time Field Adjustment	1	Ax DWI Focus b2000 - Ax DWI Focus b2000
×	Pause On/Off	On	# Synthetic b-values	1	×
1	Auto Subtract	0	Synthetic b-value	2500.0;	1
	Auto SCIC	Off	CONTRAST		
	OTHERS		Contrast Yes/No	No	
	Protocol Notes	* Always place a shim volume in the area of interest to improve image quality Phase FOV should always be < 0.50 # of phase encodes (phase matrix) = freq x pFOV Example: 160 (Freq matrix) x .50 (pfov) = 80 phase matrix			

DCE Lava test - DCE Lava test

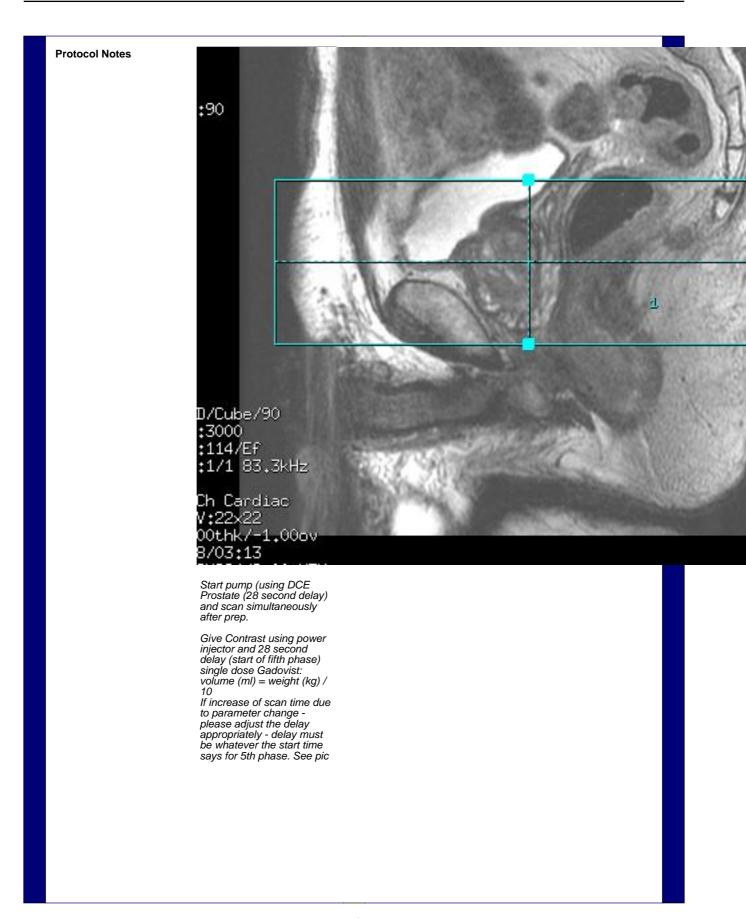
	IMAGING PARAMETERS	
	Imaging Mode	3D
	Pulse Sequence	LAVA
	Imaging Options	EDR, Fast, MPh, ARC, Flex
	IDEAL	
		3
	Phase	2.00
	Slice	1.00
	SCAN RANGE	
	FOV	24.0
	Slice Thickness	3.0
	Location per Slab	22
	Overlap Locations	0
	Number of Slices	1
	ACQ TIMING	
	Freq	192
	Phase	192
	Freq DIR	R/L
	NEX	1.00
	# of Acq. Before Pause	0
	Phase FOV	0.85
	Auto Shim	Auto
	Phase Correction	No
st	RF Drive Mode	Preset
a te	Excitation Mode	Selective
Lav	USER CVS	
B	User CV Mask2	0
DCE Lava test - DCE Lava test	MULTI-PHASE	
St	Slice per Location	4
a te	Delay after Acquisition	Minimum
av	Seperate Series	0
	Delay after Acquisition	1
20	without AV	·
	Trigger Delay without AV	0
	Mask Phase	0
	Mask Pause	0
	DIFFUSION	
	Recon All Images	On
	# Synthetic b-values	1
	Synthetic b-value	1000.0;
	TRACKER	
	Tracker Length	200.0
	Tracker Thickness	20.0

SCAN TIMING	
Flip Angle	13
TE	Min Full
Number of Echoes	2
Receiver Bandwidth	142.86
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
CONTRAST	
Contrast Yes/No	No

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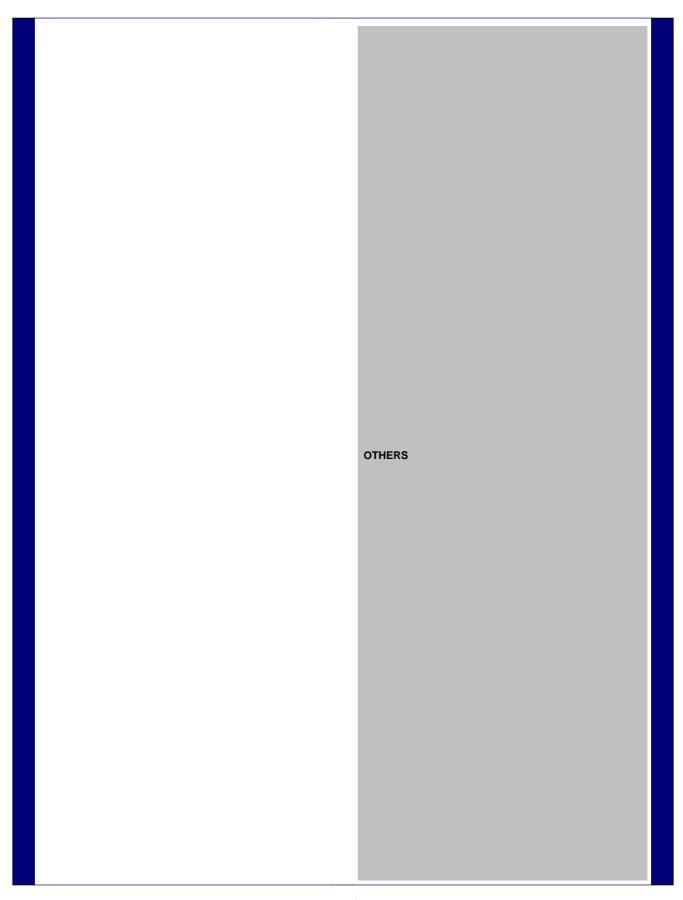
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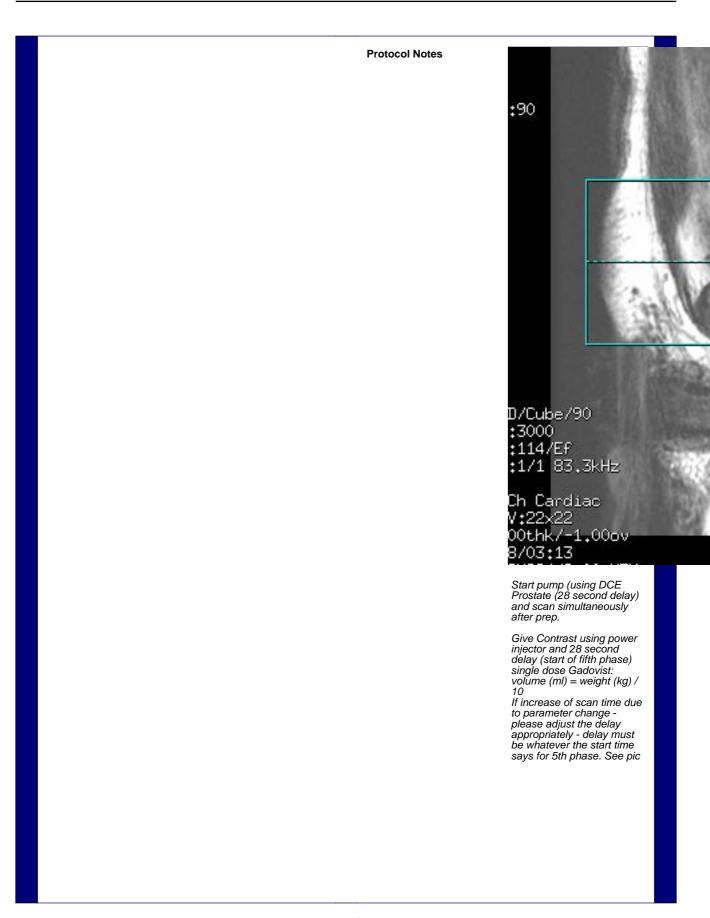
DCE Lava-Flex+C - DCE Lava-Flex+C

IMAGING PARAMETERS Imaging Mode Pulse Sequence Imaging Options IDEAL Phase Slice 1.00 SCAN RANGE FOV 24.0 Slice Thickness Location per Slab Coverlap Locations Number of Slices 1 ACQ TIMING Freq Phase Phase 192 Freq DIR NEX 1.00 # of Acq. Before Pause Phase FOV Auto Shim Phase Correction Phase Correction No RF Drive Mode Excitation Mode Selective FMRI PSD Trigger Internal Slice Order View Order # of Repetitions REST # of Repetitions ACTIVE SAT Tag Type None TRICKS Pause On/Off Auto Subtract Auto SciC Off CONTRAST Contrast Yes/No No			
Pulse Sequence Imaging Options IDEAL Phase Sice 1.00 SCAN RANGE FOV 24.0 Slice Thickness 3.00 Location per Slab Overlap Locations Number of Slices 1 ACQ TIMING Freq Phase 192 Phase 192 Freq DIR NEX 1.00 # of Acq. Before Pause OPhase FOV Auto Shim Auto Phase Correction No RF Drive Mode Excitation Mode Selective FMRI PSD Trigger Slice Order View Order # of Repetitions REST # of Repetitions REST # of Repetitions ACTIVE TRICKS Pause On/Off Auto Subtract Auto SCIC OONTRAST		IMAGING PARAMETERS	
Imaging Options EDR, Fast, MPh, ARC, Flex		Imaging Mode	3D
IDEAL 3 Phase 2.00 Slice 1.00 SCAN RANGE FOV 24.0 Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		Pulse Sequence	LAVA
Phase 2.00 Slice 1.00 SCAN RANGE FOV 24.0 Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		Imaging Options	EDR, Fast, MPh, ARC, Flex
Slice 1.00 SCAN RANGE FOV 24.0 Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset Excitation Mode Selective FMRI PSD Trigger Internal Slice Order Interleaved View Order Bottom/Up # of Repetitions REST 0 SAT Tag Type None TRICKS Pause On/Off On Auto Subtract 0 Auto SCIC Off		IDEAL	3
SCAN RANGE FOV 24.0 Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 1992 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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 Offi		Phase	2.00
FOV Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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 SCIC Off CONTRAST		Slice	1.00
FOV Slice Thickness 3.00 Location per Slab 22 Overlap Locations 0 Number of Slices 1 ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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 SCIC Off CONTRAST		SCAN RANGE	
Overlap Locations Overlap Locations Number of Slices 1 ACQ TIMING Freq Freq Freq Phase Freq DIR NEX Freq DIR NEX Freq DIR NEX Fof Acq. Before Pause O Phase FOV Outside Auto Phase Correction No RF Drive Mode Preset Excitation Mode FMRI PSD Trigger Slice Order View Order Fof Repetitions REST Fof Repetitions ACTIVE SAT Tag Type None TRICKS Pause On/Off Auto Subtract Auto SCIC Off CONTRAST		FOV	24.0
Overlap Locations Number of Slices 1 ACQ TIMING Freq Phase 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause Phase FOV Auto Shim Auto Phase Correction RF Drive Mode Excitation Mode FMRI PSD Trigger Slice Order View Order # of Repetitions REST # of Repetitions ACTIVE Pause On/Off Auto Subtract Auto SCIC Off CONTRAST		Slice Thickness	3.00
Number of Slices ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		Location per Slab	22
ACQ TIMING Freq 192 Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		Overlap Locations	0
Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		Number of Slices	1
Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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		ACQ TIMING	
Phase 192 Freq DIR R/L NEX 1.00 # of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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			192
# of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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 Scic Off CONTRAST		•	· • =
# of Acq. Before Pause 0 Phase FOV 0.85 Auto Shim Auto Phase Correction No RF Drive Mode Preset 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			
Phase FOV Auto Shim Auto Phase Correction RF Drive Mode Excitation Mode Preset Excitation Mode Preset Excitation Mode FMRI PSD Trigger Slice Order View Order # of Repetitions REST # of Repetitions ACTIVE SAT Tag Type None TRICKS Pause On/Off Auto Subtract Auto SCIC Off CONTRAST			1.00
Phase FOV Auto Shim Auto Phase Correction RF Drive Mode Excitation Mode Preset Excitation Mode Preset Excitation Mode FMRI PSD Trigger Slice Order View Order # of Repetitions REST # of Repetitions ACTIVE SAT Tag Type None TRICKS Pause On/Off Auto Subtract Auto SCIC Off CONTRAST		# of Acg. Before Pause	0
Phase Correction No RF Drive Mode Preset 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 CONTRAST		•	0.85
RF Drive Mode Preset 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 CONTRAST		Auto Shim	Auto
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	O	Phase Correction	No
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	+ X	RF Drive Mode	Preset
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	Ä	Excitation Mode	Selective
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	ava	FMRI	
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	Ľ		Internal
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	Ö		Interleaved
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	٦	View Order	Bottom/Up
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	ပ္	# of Repetitions REST	0
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	ex.	# of Repetitions ACTIVE	0
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	'a-F	SAT	
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	Lav	Tag Type	None
Pause On/Off On Auto Subtract 0 Auto SCIC Off CONTRAST	CE	TRICKS	
Auto SCIC Off CONTRAST	ם	Pause On/Off	On
CONTRAST		Auto Subtract	0
		Auto SCIC	Off
Contrast Yes/No No		CONTRAST	
		Contrast Yes/No	No

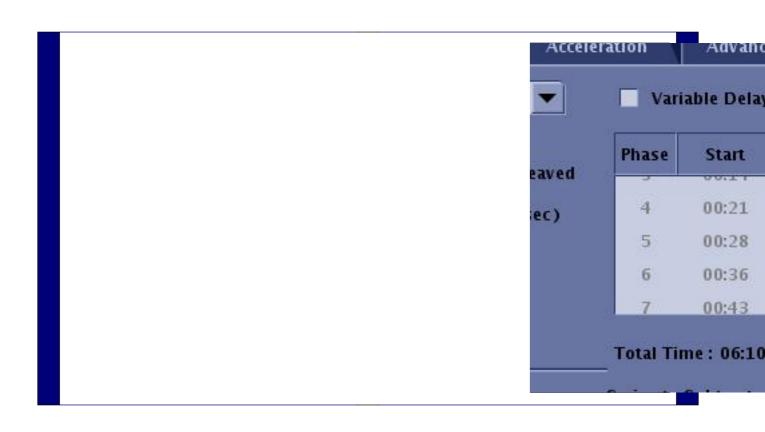
SCAN TIMING	
Flip Angle	13
TE	Min Full
Number of Echoes	2
Receiver Bandwidth	142.86
IMAGE ENHANCE	
Filter Choice	None
USER CVS	
User CV30	1.00
User CV Mask2	0
MULTI-PHASE	
Slice per Location	40
Delay after Acquisition	Minimum
Seperate Series	0
Delay after Acquisition without AV	1
Trigger Delay without AV	0
Mask Phase	0
Mask Pause	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;
TRACKER	
Tracker Length	200.0
Tracker Thickness	20.0



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		aan_poins_00		
	IMAGING PARAMETERS			
	Imaging Mode	2D		
	Pulse Sequence	Spin Echo		
	Imaging Options	Seq, EDR, Fast, SS, ARC		
	Phase	2.00		
	SCAN RANGE			
	FOV	40.0		
	Slice Thickness	8.0		
	Slice Spacing	0.0		
	ACQ TIMING			
1	Freq	320		
if motion do propellerif motion do propeller	Phase	160		
	Freq DIR	Unswap		
	# of Acq. Before Pause	0		
	Phase FOV	1.00		
on	Auto Shim	Auto		
joti	Phase Correction	No		
if m	RF Drive Mode	Quadrature		
	Excitation Mode	Selective		
j	USER CVS			
ller	User CV1	1.0		
edc	User CV2	240.00		
bro	User CV13	1.00		
op	User CV39	1.00		
ion	User CV Mask2	256		
mol	MULTI-PHASE			
÷	Seperate Series	0		
i	Mask Phase	0		
	Mask Pause	0		
	DIFFUSION			
	Recon All Images	On		
	CONTRAST			
	Contrast Yes/No	No		

OSTATE 2023			
SCAN TIMING			
TE	80.0		
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		

---if motion do propeller--- - ---if motion do propeller---

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	2D	Flip Angle	120	
	Pulse Sequence	PROPELLER	TE	71.8	
	Imaging Options	EDR, TRF, Fast, FR, ARC	Number of Echoes	1	
	Phase	2.00	TR	1950.0	
	SCAN RANGE		Echo Train Length	24	
	FOV	24.0	Receiver Bandwidth	55.56	
	Slice Thickness	3.00	IMAGE ENHANCE		
	Slice Spacing	0.0	Filter Choice	None	
	Overlap Locations	0	USER CVS		
	Number of Slices	20	User CV15	0	
~	ACQ TIMING		TR Min	400.0	~
l "	Freq	384	TR Max	11000.0	Ax T2 PROPELLER
핃	Freq DIR	R/L	User CV29	1.00	
20	Fat Shift DIR	Normal (L)	User CV30	1.00	
ద	NEX	3.50	User CV Mask2	1024	퓹
Ax T2 PROPELLER	# of Acq. Before Pause	0	MULTI-PHASE		TZ
- Ş	Auto Shim	On	Seperate Series	0	Ax T2 PROPELLER - Ax
	Phase Correction	No	Mask Phase	0	
肯	RF Drive Mode	Preset	Mask Pause	0	
급	Excitation Mode	Selective	Preserve	0	
PROPELLER	FMRI		DIFFUSION		OP
PR	PSD Trigger	Internal	Recon All Images	On	PR
Ax T2 I	View Order	Bottom/Up	Multi b-values	1000.0;	T2
Ä	# of Repetitions REST	0	Multi NEX Values	1.0;	Ä
	# of Repetitions ACTIVE	0	# Synthetic b-values	1	
	SAT		Synthetic b-value	1000.0;	
	Tag Type	None	CONTRAST		
	TRICKS		Contrast Yes/No	No	
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	3			

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	IMAGING PARAMETERS		SCAN TIMING		
	Imaging Mode	3D	TE	Maximum	
	Pulse Sequence	Cube	Number of Echoes	1	
	Imaging Options	EDR, Fast, ZIP512, FR, ARC	TR	2000.0	
	Phase	2.00	Echo Train Length	90	
	Slice	1.00	Receiver Bandwidth	62.50	
	SCAN RANGE		IMAGE ENHANCE		
	FOV	28.0	Filter Choice	G	
	Slice Thickness	0.60	USER CVS		
	Location per Slab	136	User CV30	1.00	
	Overlap Locations	0	User CV34	100.00	
	Number of Slices	1	User CV Mask2	1034	
	ACQ TIMING		MULTI-PHASE		
2	Freq	288	Seperate Series	0	2
1.2	Phase	288	Mask Phase	0	1.2
T2	Freq DIR	A/P	Mask Pause	0	12
Cube	Fat Shift DIR	Normal (P)	Preserve	0	lpe
ರ	NEX	1.00			
ag	Phase FOV	1.00	DIFFUSION	•) ag
U)	Auto Shim	Auto	Recon All Images	On	0)
T2 1.2 - Sag	Phase Correction	No	Multi b-values	1000.0;	1.2
72	RF Drive Mode	Preset	Multi NEX Values	1.0;	T2
be l	Excitation Mode	Selective	# Synthetic b-values	1	Se
Cube -	FMRI		Synthetic b-value	1000.0;	Sag Cube T2 1.2 - Sag Cube T2
Sag (PSD Trigger	Internal	CONTRAST		ag
S	View Order	Bottom/Up	Contrast Yes/No	No	တ
	# of Repetitions REST	0			
	# of Repetitions ACTIVE	0			
	SAT				
	SAT Location	Α			
	SAT Location	P			
	Tag Type	None			
	TRICKS				
	Pause On/Off	On			
	Auto Subtract	0			
	Auto SCIC	3			
			-		