

Table of contents				
\\USER				
Davis Research				
Zhaoyang				
Intracranial_Vessel_Wall				
tse_vfl_0.53iso_TA8:12				

\\USER\\Davis Research\\Zhaoyang\\Intracranial_Vessel_Wall\\tse_vfl_0.53iso_TA8:12

TA: 8:12 PM: FIX Voxel size: 0.5×0.5×0.5 mmPAT: 2 Rel. SNR: 1.00 : spcR

Properties

Prio recon	Off
Load images to viewer	On
Inline movie	Off
Auto store images	On
Load images to stamp segments	Off
Load images to graphic segments	Off
Auto open inline display	Off
Auto close inline display	Off
Start measurement without further preparation	Off
Wait for user to start	Off
Start measurements	Single measurement

Routine

Slab group	1
Slabs	1
Position	L4.6 P18.4 F31.6 mm
Orientation	S > C5.1 > T-0.4
Phase enc. dir.	A >> P
AutoAlign	---
Phase oversampling	0 %
Slice oversampling	7.1 %
Slices per slab	224
FoV read	205 mm
FoV phase	90.1 %
Slice thickness	0.53 mm
TR	900 ms
TE	16.0 ms
Averages	1.0
Concatenations	1
Filter	Distortion Corr.(2D), Prescan Normalize, Image Filter
Coil elements	HE1-4;NE1,2;SP1

Contrast - Common

TR	900 ms
TE	16.0 ms
MTC	Off
Magn. preparation	None
Fat suppr.	Fat sat.
Fat sat. mode	Strong
Blood suppr.	Off
Restore magn.	On

Contrast - Dynamic

Averages	1.0
Reconstruction	Magnitude
Measurements	1
Multiple series	Each measurement

Resolution - Common

FoV read	205 mm
FoV phase	90.1 %
Slice thickness	0.53 mm
Base resolution	384
Phase resolution	100 %
Slice resolution	100 %
Phase partial Fourier	Off
Slice partial Fourier	6/8
Interpolation	Off

Resolution - iPAT

PAT mode	GRAPPA
Accel. factor PE	2
Ref. lines PE	24
Accel. factor 3D	1
Reference scan mode	Integrated

Resolution - Filter Image

Image Filter	On
Intensity	Medium
Edge Enhancement	3
Smoothing	3
Unfiltered images	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off
Prescan Normalize	On
Unfiltered images	Off
Normalize	Off
B1 filter	Off

Resolution - Filter Rawdata

Raw filter	Off
Elliptical filter	Off

Geometry - Common

Slab group	1
Slabs	1
Position	L4.6 P18.4 F31.6 mm
Orientation	S > C5.1 > T-0.4
Phase enc. dir.	A >> P
Slice oversampling	7.1 %
Slices per slab	224
FoV read	205 mm
FoV phase	90.1 %
Slice thickness	0.53 mm
TR	900 ms
Series	Ascending
Concatenations	1

Geometry - AutoAlign

Slab group	1
Position	L4.6 P18.4 F31.6 mm
Orientation	S > C5.1 > T-0.4
Phase enc. dir.	A >> P
AutoAlign	---
Initial Position	L4.6 P18.4 F31.6
L	4.6 mm
P	18.4 mm
F	31.6 mm
Initial Rotation	13.30 deg
Initial Orientation	S > C
S > C	5.1
> T	-0.4

Geometry - Saturation

Sat. region	1
Thickness	40 mm
Position	R5.0 A77.5 H22.0 mm
Orientation	C > T13.9 > S-5.0
Fat sat. mode	Strong

Geometry - Saturation

Restore magn.	On
Special sat.	Parallel R/L
Gap	5 mm
Thickness	40 mm

Geometry - Navigator**Geometry - Tim Planning Suite**

Set-n-Go Protocol	Off
Table position	H
Table position	0 mm
Inline Composing	Off

System - Miscellaneous

Positioning mode	FIX
Table position	H
Table position	0 mm
MSMA	S - C - T
Sagittal	R >> L
Coronal	A >> P
Transversal	F >> H
Coil Combine Mode	Adaptive Combine
Save uncombined	Off
Matrix Optimization	Off
Coil Focus	Flat
AutoAlign	---
Coil Select Mode	Default

System - Adjustments

B0 Shim mode	Standard
B1 Shim mode	TrueForm
Adjust with body coil	Off
Confirm freq. adjustment	Off
Assume Dominant Fat	Off
Assume Silicone	Off
Adjustment Tolerance	Auto

System - Adjust Volume

Position	L4.6 P18.4 F31.6 mm
Orientation	S > C5.1 > T-0.4
Rotation	13.30 deg
A >> P	185 mm
F >> H	205 mm
R >> L	119 mm
Reset	Off

System - pTx Volumes

B1 Shim mode	TrueForm
Excitation	Non-sel.

System - Tx/Rx

Frequency 1H	123.260548 MHz
Correction factor	1
Gain	High
Img. Scale Cor.	1.000
Reset	Off
? Ref. amplitude 1H	0.000 V

Physio - Signal1

1st Signal/Mode	None
Trigger delay	0 ms
TR	900 ms
Concatenations	1

Physio - Cardiac

Magn. preparation	None
Fat suppr.	Fat sat.
Dark blood	Off
FoV read	205 mm
FoV phase	90.1 %
Phase resolution	100 %

Physio - PACE

Resp. control	Off
Concatenations	1

Inline - Common

Subtract	Off
Measurements	1
StdDev	Off
Save original images	On

Inline - MIP

MIP-Sag	Off
MIP-Cor	Off
MIP-Tra	Off
MIP-Time	Off
Save original images	On

Inline - Composing

Inline Composing	Off
Distortion Corr.	On
Mode	2D
Unfiltered images	Off

Sequence - Part 1

Introduction	On
Dimension	3D
Elliptical scanning	On
Reordering	Radial
Flow comp.	No
Echo spacing	5.24 ms
Adiabatic-mode	Off
Bandwidth	449 Hz/Px

Sequence - Part 2

Echo train duration	288 ms
RF pulse type	Normal
Gradient mode	Fast
Excitation	Non-sel.
Flip angle mode	T1 var
Turbo factor	52

Sequence - Assistant

Allowed delay	100 s
---------------	-------