\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\GRASE\_VASO\_BOLD-TI1\_1460\_TI2\_2600

Properties		Pause after meas. 18	0 s
Prio Recon	Off	Pause after meas. 19	0 s
Before measurement	Oii	Pause after meas. 20	0 s
		Pause after meas. 21	0 s
After measurement Load to viewer	On	Pause after meas. 22	0 s
Inline movie	Off	Pause after meas. 23	0 s
		Pause after meas. 24	0 s
Auto store images	On	Multiple series	Off
Load to stamp segments	Off		
Load images to graphic	Off	Resolution	
segments		Base resolution	162
Auto open inline display	Off	Phase resolution	100 %
Start measurement without	On	Slice resolution	100 %
further preparation		Slice partial Fourier	5/8
Wait for user to start	Off	Interpolation	Off
Start measurements	single		
	3	PAT mode	None
outine		Prescan Normalize	Off
Slab group 1		Raw filter	Off
Slabs	1	I Naw IIII EI	Oii
Dist. factor	0 %	Geometry	
Position	L0.7 P39.8 F16.9	Series	Interleaved
Orientation	Transversal		· · · · · · · · · · · · · · · · · · ·
Phase enc. dir.	A >> P	Sat. region 1	
Rotation	0 deg	Thickness	40 mm
Phase oversampling	0 %	Position	L0.7 P39.8 F16.9
Slice oversampling	0.0 %	Orientation	Coronal
		Special sat.	None
Slices per slab	8		
FoV read	130 mm	Table position	Н
FoV phase	30.9 %	Table position	0 mm
Slice thickness	0.8 mm	Inline Composing	Off
TR	3000 ms	Occatana	
TE	59 ms	System	
Averages	1	T1	On
Concatenations	1	M2	On
Filter	None	B4	On
Coil elements	B4;M2,3;T1	M3	On
	2 1,1112,0,1 1	V32	Off
Contrast		Davidania a anda	DEE
Magn. preparation	Non-sel. IR	Positioning mode	REF
TI 1	1400 ms	MSMA	S - C - T
TI 2	0 ms	Sagittal	R >> L
Flip angle	180 deg	Coronal	A >> P
Fat suppr.	Fat sat.	Transversal	F >> H
Fat sat. mode	Strong	Save uncombined	Off
		Coil Combine Mode	Adaptive Combine
Averaging mode	Long term	AutoAlign	
Reconstruction	Magnitude	Auto Coil Select	Default
Measurements	25		
Pause after meas, 1	0 s	Shim mode	Standard
Pause after meas, 2	0 s	Adjust with body coil	Off
Pause after meas. 3	0 s	Confirm freq. adjustment	Off
Pause after meas. 4	0 s	Assume Silicone	Off
Pause after meas. 5	0 s 0 s	! Ref. amplitude 1H	200.000 V
		Adjustment Tolerance	Auto
Pause after meas. 6	0 s	Adjust volume	
Pause after meas. 7	0 s	Position	L0.7 P39.8 F16.9
Pause after meas. 8	0 s		
Pause after meas. 9	0 s	Orientation	Transversal
Pause after meas. 10	0 s	Rotation	0.00 deg
Pause after meas. 11	0 s	R >> L	130 mm
Pause after meas. 12	0 s	A >> P	41 mm
Pause after meas. 13	0 s	F >> H	7 mm
Pause after meas. 14	0 s	Physic	
Pause after meas. 15	0 s	Physio	
Pause after meas. 16	0 s	1st Signal/Mode	None

#### Sequence

Introduction Dimension Reordering Contrasts Bandwidth	Off 3D Centric 2 1144 Hz/Px
Turbo factor EPI factor RF pulse type Gradient mode	5 50 Normal Fast
flip angle excit phase encoding Maxwell compensation ICE program prepscans	90 ON Off single 0

\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\BP\_grase\_clean\_VASO\_V07

	Voxel size: 0.8×0.8×0.8 mm	Rel. SNR: 1.00 USER: BP	_grase_clean_VASO_V07
Dranastica		Sat. region 1	
Properties	0"	_ Thickness	40 mm
Prio Recon	Off	Position	Isocenter
Before measurement		Orientation	Coronal
After measurement		Special sat.	None
Load to viewer	On		
Inline movie	Off	Table position	Н
Auto store images	On	Table position	0 mm
Load to stamp segments	Off	Inline Composing	Off
Load images to graphic	Off	Cyctom	
segments		System	
Auto open inline display	Off	T1	On
Start measurement without	On	M2	On
further preparation		B4	On
Wait for user to start	Off	M3	On
Start measurements	single	V32	Off
Start measurements	Sirigic	Desitioning made	DEE
Routine		Positioning mode	REF
Slab group 1		- MSMA	S-C-T
Slabs	1	Sagittal	R >> L
Dist. factor	0 %	Coronal	A >> P
Position	Isocenter	Transversal	F >> H
Orientation	Transversal	Save uncombined	Off
		Coil Combine Mode	Adaptive Combine
Phase enc. dir.	A >> P	AutoAlign	<del></del> '
Rotation	0.00 deg	Auto Coil Select	Default
Phase oversampling	0 %		
Slice oversampling	0.0 %	Shim mode	Standard
Slices per slab	8	Adjust with body coil	Off
FoV read	130 mm	Confirm freq. adjustment	Off
FoV phase	30.9 %	Assume Silicone	Off
Slice thickness	0.8 mm	! Ref. amplitude 1H	225.000 V
TR	3350 ms	Adjustment Tolerance	Auto
TE	58.6 ms	Adjust volume	Auto
Averages	1	Position	Isocenter
Concatenations	1		
Filter	None	Orientation	Transversal
	None	Rotation	0.00 deg
Coil elements	B4;M2,3;T1	R >> L	130 mm
Contrast		A >> P	41 mm
Magn. preparation	Non-sel. IR	–   F >> H	7 mm
TI 1	1400 ms	Physio	
TI 2	2600 ms		Maria
		1st Signal/Mode	None
Flip angle	180 deg	Composing	
Fat suppr.	Fat sat.		
Fat sat. mode	Strong	Sequence	
Averaging mode	Long term	Introduction	Off
Reconstruction	Magnitude	Dimension	3D
Measurements	3	Reordering	Centric
Pause after meas. 1	_	Contrasts	2
	0.0 s	Bandwidth	_ 1144 Hz/Px
Pause after meas. 2	0.0 s	Echo spacing	1 ms
Multiple series	Off	Lono spacing	
Resolution		Turbo factor	5
Base resolution	162	<ul><li>EPI factor</li></ul>	50
Phase resolution	100 %	RF pulse type	Normal
		Gradient mode	Fast
Slice resolution	100 %		
Slice partial Fourier	5/8	flip angle excit	90
Interpolation	Off	phase encoding	ON
PAT mode	None	Maxwell compensation	Off
IFAT INCOU	11UHC	ICE program	Mosaic
Prescan Normalize	Off	prepscans	0
Raw filter	Off	1 1.01.000.10	-
	<del></del>		
Geometry			
Series	Interleaved	_	

\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\GRASE\_VASO\_BOLD-TI1\_1400\_TI2\_2500\_20170808 TA: 16:40 PAT: Off Voxel size: 0.8×0.8×0.8 mm Rel. SNR: 1.00 USER: BP\_grase\_clean\_VASO\_V07

Properties Prio Recon Before measurement	Off	Thickness Position Orientation Special sat.	40 mm L0.0 P57.8 F14.0 C > T38.3 None
After measurement Load to viewer Inline movie	On Off	Table position  Table position	H 0 mm
Auto store images	On	Inline Composing	Off
Load to stamp segments	Off	System	
Load images to graphic	Off	T1	On
segments Auto open inline display	Off	M2	On
Start measurement without	On	B4	On
further preparation	<b>.</b>	M3	On
Wait for user to start	Off	V32	Off
Start measurements	single	Positioning mode	REF
Routine		MSMA	S - C - T
Slab group 1		— Sagittal	R >> L
Slabs	1	Coronal	A >> P
Dist. factor	0 %	Transversal Save uncombined	F >> H Off
Position	R3.4 P47.4 F27.3	Coil Combine Mode	Adaptive Combine
Orientation	T > C-38.3	AutoAlign	
Phase enc. dir.	A >> P	Auto Coil Select	Default
Rotation	0 deg		
Phase oversampling	0 %	Shim mode	Standard
Slice oversampling Slices per slab	0.0 % 10	Adjust with body coil	Off
FoV read	130 mm	Confirm freq. adjustment Assume Silicone	Off Off
FoV phase	30.9 %	! Ref. amplitude 1H	230.000 V
Slice thickness	0.8 mm	Adjustment Tolerance	Auto
TR	3000 ms	Adjust volume	Adio
TE	60 ms	Position	R3.4 P47.4 F27.3
Averages	1	Orientation	T > C-38.3
Concatenations	1	Rotation	0.00 deg
Filter	None	R >> L	130 mm
Coil elements	B4;M2,3;T1	A >> P	41 mm
Contrast		F >> H	8 mm
Magn. preparation	Non-sel. IR	 Physio	
TI 1	1400 ms	1st Signal/Mode	None
TI 2	2500 ms	Composina	
Flip angle	180 deg	Composing	
Fat suppr.	Fat sat.	Sequence	
Fat sat. mode	Strong	Introduction	Off
Averaging mode	Long term	Dimension	3D
Reconstruction	Magnitude	Reordering Contrasts	Centric 2
Measurements	100	Bandwidth	1102 Hz/Px
Pause after meas.	0 s	Echo spacing	1 ms
Multiple series	Off		
Resolution		Turbo factor	6
Base resolution	162	EPI factor	50 Normal
Phase resolution	100 %	RF pulse type Gradient mode	Normal Fast
Slice resolution	100 %		
Slice partial Fourier	5/8	flip angle excit	90
Interpolation	Off	phase encoding	ON
PAT mode	None	Maxwell compensation	Off
Prescan Normalize	Off	ICE program	single 0
Raw filter	Off	prepscans	U
Geometry	Interlogued	<u> </u>	
Series	Interleaved		
Sat. region 1			

\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\BP\_grase\_clean\_VASO\_V07\_170912 TA: 3.0 s PAT: Off Voxel size: 1.0×1.0×1.0 mm Rel. SNR: 1.00 USER: BP\_grase\_clean\_VASO\_V07\_170912 Position Isocenter Properties Orientation Coronal Prio Recon Off Special sat. None Before measurement Table position After measurement On Table position Load to viewer 0 mm Inline movie Off Inline Composing Off Auto store images On System Load to stamp segments Off On T1 Load images to graphic Off M2 On segments В4 On Auto open inline display Off М3 On Start measurement without On V32 Off further preparation Off Wait for user to start Positioning mode REF single Start measurements **MSMA** S-C-T Sagittal R >> L Routine Coronal A >> P Slab group 1 Transversal F >> H Slabs 1 Save uncombined Off Dist. factor 0 % Coil Combine Mode Adaptive Combine Position Isocenter AutoAlign Orientation Transversal Auto Coil Select Default Phase enc. dir. A >> P 0.00 deg Rotation Shim mode Standard Phase oversampling 0 % Adjust with body coil Off Slice oversampling 0.0 % Confirm freq. adjustment Off Slices per slab 8 Assume Silicone Off FoV read 130 mm 0.000 V ? Ref. amplitude 1H FoV phase 30.8 % Adjustment Tolerance Auto Slice thickness 1.0 mm Adjust volume TR 3000 ms Position Isocenter

TE	52.0 ms	Orientation	Transversal	
Averages	1	Rotation	0.00 deg	
Concatenations	1	R >> L	130 mm	
Filter	None	A >> P	40 mm	
Coil elements	B4;M2,3;T1	F >> H	8 mm	
Contrast		Physio		
Magn. preparation	Non-sel. IR	1st Signal/Mode	None	
TI 1	1400 ms	Composing		
TI 2	2600 ms	Composing		
Flip angle	180 deg	Sequence		
Fat suppr.	Fat sat.	Introduction	Off	
Fat sat. mode	Strong	Dimension	3D	
Averaging mode	Long term	Reordering	Centric	
Reconstruction	Magnitude	Contrasts	2	
Measurements	1	Bandwidth	1040 Hz/Px	
Multiple series	Off	Echo spacing	1.1 ms	
Resolution		Turbo factor	5	
Base resolution	130	EPI factor	40	
Phase resolution	100 %	RF pulse type	Normal	
Slice resolution	100 %	Gradient mode	Fast	
Slice partial Fourier	5/8	flip angle excit	90	
Interpolation	Off	phase encoding	ON	
PAT mode	None	Maxwell compensation	Off	
		ICE program	single	
Prescan Normalize	Off	prepscans	0	
Raw filter	Off	'		
Geometry				
Series	Interleaved			
Sat. region 1				

**Thickness** 

40 mm

\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\BP\_grase\_clean\_VASO\_V07\_10132017
TA: 3.0 s PAT: Off Voxel size: 1.0×1.0×1.0 mm Rel. SNR: 1.00 USER: BP\_grase\_clean\_VASO\_V07\_101320

		Orientation	Coronal
Properties	2"	Special sat.	None
Prio Recon	Off		
Before measurement		Table position	Н
After measurement		Table position	0 mm
Load to viewer	On	Inline Composing	Off
Inline movie	Off	System	
Auto store images	On		05
Load to stamp segments	Off	T1	On Off
Load images to graphic	Off	M2	Off
segments		B4	Off
Auto open inline display	Off	M3	Off
Start measurement without	On	V32	Off
further preparation		Positioning mode	REF
Wait for user to start	Off	MSMA	S-C-T
Start measurements	single	Sagittal	R >> L
Otari medadrementa	Sirigio	Coronal	A >> P
Routine		Transversal	F >> H
Slab group 1		Save uncombined	Off
Slabs	1	Coil Combine Mode	
Dist. factor	0 %		Adaptive Combine
Position	Isocenter	AutoAlign	 D ( )
Orientation	Transversal	Auto Coil Select	Default
Phase enc. dir.	A >> P	Shim mode	Standard
Rotation	0.00 deg	Adjust with body coil	Off
Phase oversampling	0.00 dog 0 %	Confirm freq. adjustment	Off
Slice oversampling	0.0 %	Assume Silicone	Off
Slices per slab	8		
	-	? Ref. amplitude 1H	0.000 V
FoV read	130 mm	Adjustment Tolerance	Auto
FoV phase	35.4 %	Adjust volume	
Slice thickness	1.0 mm	Position	Isocenter
TR	3000 ms	Orientation	Transversal
TE	46.5 ms	Rotation	0.00 deg
Averages	1	R >> L	130 mm
Concatenations	1	A >> P	46 mm
Filter	None	F >> H	8 mm
Coil elements	T1	l Di :	
Contrast		Physio	Niewe
Magn. preparation	Non-sel. IR	1st Signal/Mode	None
TI	1200 ms	Composing	
		- <del></del>	
Flip angle	180 deg	Sequence	
Fat suppr.	Fat sat.	Introduction	Off
Fat sat. mode	Strong	Dimension	3D
Averaging mode	Long term	Reordering	Centric
Reconstruction	Magn./Phase	Contrasts	2
Measurements	1	Bandwidth	1424 Hz/Px
Multiple series	Off	Echo spacing	0.8 ms
1	J11	Turbo factor	F
Resolution		EPI factor	5 46
Base resolution	130		
Phase resolution	100 %	RF pulse type	Normal
Slice resolution	100 %	Gradient mode	Fast
Slice partial Fourier	5/8	flip angle excit	90
Interpolation	Off	phase encoding	ON
		Maxwell compensation	Off
PAT mode	None	ICE program	
Prescan Normalize	Off		single
Raw filter	Off	prepscans	0
ļ	OII		
Geometry			
Series	Interleaved	<del></del>	
Sat region 1			
Sat. region 1 Thickness	40 mm		
Position	Isocenter		

\\U	SER\Feinbe	erglab\Tanja\GRASE_VASO	_BOLD\BP_grase	e_clean_VASC	D_V07_func_10132017	
TA: 2:44	PAT: Off	Voxel size: 1.0×1.0×1.0 mm	Rel. SNR: 1.00	USER: BP_g	grase_clean_VASO_V07_10	1320
Properties		Off		ter meas. 19 ter meas. 20	0.0 s 0.0 s	

Properties		Pause after meas. 19	0.0 s
Prio Recon	Off	—— Pause after meas. 20	0.0 s
Before measurement	<b>3</b> 11	Pause after meas. 21	0.0 s
After measurement		Pause after meas. 22	0.0 s
Load to viewer	On	Pause after meas. 23	0.0 s
Inline movie	Off	Pause after meas. 24	0.0 s
	On	Pause after meas. 25	0.0 s
Auto store images	Off	Pause after meas. 26	0.0 s
Load to stamp segments		Pause after meas. 27	0.0 s
Load images to graphic	Off	Pause after meas. 28	0.0 s
segments	0"	Pause after meas. 29	0.0 s
Auto open inline display	Off	Pause after meas. 30	0.0 s
Start measurement without	On	Pause after meas. 31	0.0 s
further preparation		Pause after meas, 32	0.0 s
Wait for user to start	Off	Pause after meas, 33	0.0 s
Start measurements	single	Pause after meas, 34	0.0 s
Routine		Pause after meas, 35	0.0 s
Slab group 1		Pause after meas. 36	0.0 s
Slabs	1	Pause after meas. 37	0.0 s
Dist. factor	0 %	Pause after meas. 38	0.0 s
Position	U % Isocenter	Pause after meas. 39	0.0 s
		Pause after meas, 40	0.0 s
Orientation	Transversal		Off
Phase enc. dir.	A >> P	Multiple series	Oli
Rotation	0.00 deg	Resolution	
Phase oversampling	0 %	Base resolution	130
Slice oversampling	0.0 %	Phase resolution	100 %
Slices per slab	8	Slice resolution	100 %
FoV read	130 mm	Slice partial Fourier	5/8
FoV phase	35.4 %	Interpolation	Off
Slice thickness	1.0 mm		
TR	4000 ms	PAT mode	None
TE	46.5 ms	Decree Messes line	04
Averages	1	Prescan Normalize	Off
Concatenations	1	Raw filter	Off
Filter	None	Geometry	
Coil elements	T1	Series	Interleaved
Contrast		Sat. region 1	
Magn. preparation	Non-sel. IR	Thickness	40 mm
TI	1450 ms	Position	Isocenter
Flip angle	180 deg	Orientation	Coronal
Fat suppr.	Fat sat.	Special sat.	None
Fat sat. mode	Strong	T. 1.1	
A		Table position	Н
Averaging mode	Long term	Table position	0 mm
Reconstruction	Magn./Phase	Inline Composing	Off
Measurements	41	System	
Pause after meas. 1	0.0 s	T1	On
Pause after meas. 2	0.0 s	M2	Off
Pause after meas. 3	0.0 s	B4	Off
Pause after meas. 4	0.0 s		_
Pause after meas. 5	0.0 s	M3	Off
Pause after meas. 6	0.0 s	V32	Off
Pause after meas. 7	0.0 s	Positioning mode	REF
Pause after meas. 8	0.0 s	MSMA	S - C - T
Pause after meas. 9	0.0 s	Sagittal	R >> L
Pause after meas, 10	0.0 s	Coronal	A >> P
Pause after meas. 11	0.0 s		
			_
		•	
		Auto Coil Select	Detault
		Shim mode	Standard
Pause after meas. 18	U.U S	Tajast Will body con	311
Pause after meas. 11 Pause after meas. 12 Pause after meas. 13 Pause after meas. 14 Pause after meas. 15 Pause after meas. 16 Pause after meas. 17 Pause after meas. 18	0.0 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s 0.0 s	Transversal Save uncombined Coil Combine Mode AutoAlign Auto Coil Select Shim mode Adjust with body coil	F >> H Off Adaptive Coml Default Standard Off

Confirm freq. adjustment Assume Silicone ? Ref. amplitude 1H Adjustment Tolerance Adjust volume Position Orientation Rotation R >> L A >> P F >> H	Off Off 0.000 V Auto  Isocenter Transversal 0.00 deg 130 mm 46 mm 8 mm
Physio	
1st Signal/Mode	None
Composing	
Sequence	
Introduction Dimension Reordering Contrasts Bandwidth Echo spacing	Off 3D Centric 2 1424 Hz/Px 0.8 ms
Turbo factor EPI factor RF pulse type Gradient mode	5 46 Normal Fast
flip angle excit phase encoding Maxwell compensation ICE program prepscans	90 ON Off single 0

\\USER\Feinberglab\Tanja\GRASE\_VASO\_BOLD\BP\_grase\_clean\_VASO\_V08\_func\_10132017

TA: 2:40 PAT: Off Voxe	el size: 1.0×1.0×1.0 mm	Rel. SNR: 1.00	USER: BP_gra	ase_clean_VASO_V08_101320
Properties			er meas. 19	0.0 s
Prio Recon	Off		er meas. 20	0.0 s
Before measurement	O.I.		er meas. 21	0.0 s
After measurement			er meas. 22	0.0 s
Load to viewer	On		er meas. 23	0.0 s
Inline movie	Off		er meas. 24	0.0 s
Auto store images	On		er meas. 25	0.0 s
Load to stamp segments	Off		er meas. 26	0.0 s
Load images to graphic	Off	Pause aft	er meas. 27	0.0 s
<b>.</b> .	Oli	Pause aft	er meas. 28	0.0 s
segments	Off	Pause aft	er meas. 29	0.0 s
Auto open inline display	-	Pause aft	er meas. 30	0.0 s
Start measurement without	On	Pause aft	er meas. 31	0.0 s
further preparation	0"	Pause aft	er meas. 32	0.0 s
Wait for user to start	Off	Pause aft	er meas. 33	0.0 s
Start measurements	single	Pause aft	er meas. 34	0.0 s
Routine		Pause aft	er meas. 35	0.0 s
Slab group 1			er meas. 36	0.0 s
Slabs	1		er meas. 37	0.0 s
Dist. factor	0 %		er meas. 38	0.0 s
Position	Isocenter		er meas. 39	0.0 s
		Multiple s		Off
Orientation	Transversal	Wulliple S	elles	Oil
Phase enc. dir.	A >> P	Resolution		
Rotation	0.00 deg	Base reso	olution	130
Phase oversampling	0 %	Phase res	solution	100 %
Slice oversampling	0.0 %	Slice reso	olution	100 %
Slices per slab	8		ial Fourier	5/8
FoV read	130 mm	Interpolati		Off
FoV phase	30.8 %			
Slice thickness	1.0 mm	PAT mode	e	None
TR	4000 ms	Prescan N		O#
TE	49.6 ms			Off
Averages	1	Raw filter		Off
Concatenations	1	Geometry		
Filter	None	Series		Interleaved
Coil elements	T1			
_		Sat. regio		
Contrast		Thickne		66 mm
Magn. preparation	Non-sel. IR	Position	1	Isocenter
TI	1200.0 ms	Orientat	tion	Transversal
Flip angle	180 deg	Special sa	at.	None
Fat suppr.	Fat sat.	Toble nee		LI
Fat sat. mode	Strong	Table pos		H
Averaging mode	Long torm	Table pos		0 mm
Averaging mode	Long term	Inline Cor	nposing	Off
Reconstruction	Magnitude	System		
Measurements	40	T1		On
Pause after meas. 1	0.0 s	M2		Off
Pause after meas. 2	0.0 s	B4		Off
Pause after meas. 3	0.0 s	M3		Off
Pause after meas. 4	0.0 s	V32		Off
Pause after meas. 5	0.0 s	V 02		
Pause after meas. 6	0.0 s	Positionin	g mode	REF
Pause after meas. 7	0.0 s	MSMA		S - C - T
Pause after meas. 8	0.0 s	Sagittal		R >> L
Pause after meas. 9	0.0 s	Coronal		A >> P
Pause after meas. 10	0.0 s	Transvers	sal	F >> H
Pause after meas. 11	0.0 s	Save unc		Off
Pause after meas. 12	0.0 s		bine Mode	Adaptive Combine
Pause after meas. 13	0.0 s	AutoAlign		
Pause after meas. 14	0.0 s	Auto Coil		Default
Pause after meas. 15	0.0 s	7.010 0011		
Pause after meas. 16	0.0 s	Shim mod	de	Standard
Pause after meas. 17	0.0 s	Adjust wit	h body coil	Off
5 6 46		Confirm fr	rea adjustment	Off

Pause after meas. 18

0.0 s

Confirm freq. adjustment

Off

	Assume Silicone ? Ref. amplitude 1H Adjustment Tolerance Adjust volume Position Orientation Rotation R >> L A >> P	Off 0.000 V Auto Isocenter Transversal 0.00 deg 130 mm 40 mm
	F >> H	8 mm
	Physio	
	1st Signal/Mode	None
	Composing	
	Sequence	
	Introduction	Off
	Dimension	3D
	Reordering	Centric
	Contrasts	2
	Bandwidth	1098 Hz/Px 1 ms
	Echo spacing	1 1115
	Turbo factor	5
	EPI factor	40
	RF pulse type	Normal
	Gradient mode	Fast
	Phase skip	30
	Ampl	100
	BWDTH	300 3.1kHz
	thickness	100
	flip angle excit	90 ON
	phase encoding  Maxwell compensation	Off
	ICE program	Mosaic
ı		

30

Phase skip

# Table of contents

#### \\USER

Feinberglab	
Ta	ınja
	GRASE_VASO_BOLD
	GRASE_VASO_BOLD-TI1_1460_TI2_2600
	BP_grase_clean_VASO_V07
	GRASE_VASO_BOLD-TI1_1400_TI2_2500_20170808
	BP_grase_clean_VASO_V07_170912
	BP_grase_clean_VASO_V07_10132017
	BP_grase_clean_VASO_V07_func_10132017
	BP_grase_clean_VASO_V08_func_10132017
1	