\\USER\Feinberglab\Suhyung\CS-M1\BP_grase_clean_IV_Regular_SH_ob

TA: 0:00 PAT: Off	Voxel size: 0.8×0.8×0.8 mm	Rel. SNR: 1.00 USER: E	BP_grase_clean_IV_SH
Droportion		Orientation	Coronal
Properties	0#	Special sat.	None
Prio Recon	Off	Table position	
Before measurement		Table position	H
After measurement	0.5	Table position	0 mm
Load to viewer	On O#	Inline Composing	Off
Inline movie	Off	System	
Auto store images	On O"	T1	On
Load to stamp segments	Off	M2	On
Load images to graphic	Off	B4	On
segments	0.44	M3	On
Auto open inline display	Off	V32	Off
Start measurement without	On		
further preparation		Positioning mode	REF
Wait for user to start	Off	MSMA	S - C - T
Start measurements	single	Sagittal	R >> L
Routine		Coronal	A >> P
		Transversal	F >> H
Slab group 1	4	Save uncombined	Off
Slabs	1	Coil Combine Mode	Adaptive Combine
Dist. factor	0 %	AutoAlign	
Position	Isocenter	Auto Coil Select	Default
Orientation	Transversal		
Phase enc. dir.	A >> P	Shim mode	Standard
Rotation	0 deg	Adjust with body coil	Off
Phase oversampling	0 %	Confirm freq. adjustment	Off
Slice oversampling	0.0 %	Assume Silicone	Off
Slices per slab	8	? Ref. amplitude 1H	0.000 V
FoV read	94 mm	Adjustment Tolerance	Auto
FoV phase	25.0 %	Adjust volume	
Slice thickness	0.8 mm	Position	Isocenter
TR	3000 ms	Orientation	Transversal
TE	37.7 ms	Rotation	0.00 deg
Averages	1	R >> L	94 mm
Concatenations	1	A >> P	24 mm
Filter	None	F >> H	7 mm
Coil elements	B4;M2,3;T1	1	7 111111
Contrast		Physio 1st Signal/Mode	None
Magn. preparation	None		None
Flip angle	180 deg	Composing	
Fat suppr.	Fat sat.	Sequence	
Fat sat. mode	Strong		0#
		Introduction	Off
Averaging mode	Long term	Dimension	3D
Reconstruction	Magnitude	Reordering	Centric
Measurements	121	Contrasts	1
Pause after meas.	0 s	Bandwidth	1144 Hz/Px
Multiple series	Off	Turbo factor	5
		EPI factor	28
Resolution		RF pulse type	Normal
Base resolution	112	Gradient mode	Fast
Phase resolution	100 %		
Slice resolution	100 %	refocussing type	sinc 2560
Slice partial Fourier	5/8	flip angle excit	90
Interpolation	Off	phase encoding	ON
PAT mode	None	Maxwell compensation	Off
FAT IIIOUE	None	ICE program	single
Prescan Normalize	Off	prepscans	0
Raw filter	Off	excite duration	2560
		refoc duration	2560
Geometry		excite BWTP	16
Series	Interleaved	refoc BWTP	8
Sat ragion 1			_
Sat. region 1	20 mm	Opposite Polarity Crusher	Off
Thickness	20 mm	pre-crusher	0
Position	Isocenter	post-crusher1	0

post-crusher2	0
post-crusher3	0
post-crusher4	0

 $\verb|\USER\Feinberg| lab| Suhyung | CS-M1 | BP_grase_clean_VASO_V10t_noClip| | CS-M1 | C$

	on oti o o	L10.8 P8.8 F15.4
Before measurement		C > S26.5 > T17.3
Load to viewer Inline movie On Inline Con Inline	sat.	None
Load to viewer Inline movie On Inline Con Inline	sition	Н
Inline movie		0 mm
Auto store images		Off
Load images to graphic segments Off T1 Auto open inline display Start measurement without further preparation On M3 Wait for user to start Off Positionin MSMA Start measurements Single Positionin MSMA Say tital for user to start Off Positionin MSMA Start measurements Single MSA Say tital for user to start Off Positionin MSMA Salab group 1 T Sagittal Coronal Slabs 1 Sagittal Coronal Dist. factor 0% Save uncc Position R27.3 P0.8 H16.6 AutoAlign Orientation T > S24.2 > C-18.7 Auto Coil Comt Phase enc. dir. A > P Auto Coil Rotation -20.00 deg Shim mod Adjust wid Adjust wid Adjust wid Slice seper slab 8 Assume S Fov fead 99 mm ! Ref. amp Fov fead 99 mm ! Ref. amp Fov fead 99 mm ! Ref. amp	9	
Load images to graphic segments Off M2 Auto open inline display Auto open inline display Start measurement without further preparation On W3 Wait for user to start Wait for user to start Start measurements Off Positioning MSMA Sagittal Dutine Slab group 1 Coronal Transvers Save uncc Slabs S 1 Tost. factor 0 % Coil Comb Aggittal Position R27.3 P0.8 H16.6 Coil Comb Auto Coil Comb		
segments M2 Auto open inline display Off Start measurement without further preparation On Wait for user to start Off Start measurements Single Doutine Single Slab group 1 The same start of the s		On
Auto open inline display		On
Start measurement without further preparation Wait for user to start Off		On
further preparation Wait for user to start Off Positioning Start measurements single MSMA Asgittal Outrine Slab group 1 Transvers Sagittal Coronal Transvers Save uncc Coil Comb Coil Comb Assevence Coil Comb Auto Coil <		On
Wait for user to start Start measurements Off Start measurements Position MSMA Sagittal Coronal Transvers Save unccord Coil Comb AutoAlign		Off
Start measurements	ina mada	FIX
Sagittal Caronal Transvers Saye unco Coil Combo Save unco Save unco Coil Combo Save unco Save unco Save unco Save unco Save unco Coil Combo Save unco S	ing mode	S - C - T
Slab group 1		
Slab Dist. factor		R >> L
Slabs	ma al	A >> P
Dist. factor Dist. factor Position R27.3 P0.8 H16.6 AutoAlign Auto Coil		F >> H
Position Orientation Phase enc. dir. Rotation Phase oversampling Slice oversampling Slice oversampling Ow Slice oversampling Slice oversampling Ow Slice per slab 8 FoV read FoV phase Servise Position Power Strices Power Rotation Phase oversampling Ow Adjust witt Confirm fr Assume S Strices Servise Averages A		Off
Orientation T > \$24.2 > \$C-18.7 AutoAlign Auto Coil Auto C		Adaptive Combine
Phase enc. dir. Rotation -20.00 deg Phase oversampling 0 % Slice oversampling 0.0 % Slice sper slab 8 FoV read 99 mm ! Ref. amp FoV phase 25.8 % Slice thickness 1.5 mm Adjust will TR 3000 ms Positio TE 45.9 ms Orienta Averages 1 Rotatio Concatenations 1 R R > L Filter None A P P Coil elements B4;M2,3;T1 F > H Sontrast Physio TI 1100 ms Flip angle 165 deg Fat suppr. Fat sat. Fat sat. mode Strong Introduction Averaging mode Long term Reconstruction Magnitude Reconstruction Magnitude Reconstruction Magnitude Resorderin Contrasts Pause after meas. 0.0 s Multiple series Off Echo space Base resolution 100 % Slice resolution 100 % Slice resolution 100 % Slice partial Fourier 5/8 BIR4: 2nd PAT mode None Prescan Normalize Off PAT mode Pares Interleaved Series Interleaved Maxwell of Maxwell of Maxwell of Pares and Maxwell of Maxwell of Pares and Maxwell of		
Rotation -20.00 deg	ıl Select	Default
Phase oversampling 0 % Adjust with Slice oversampling 0.0 % Confirm fr Confirm fr Confirm fr Slices per slab 8 Assume S Assume S Pov read 99 mm ! Ref. amp Pov phase 25.8 % Adjust with Slice and Pov phase Adjust with Slice and Pov phase 25.8 % Adjust with Slice and Pov phase Adjust with Slice and Pov phase Adjust with Slice park Pov phase Adjust with Slice park Pov phase Prescan Normalize Assume S Pov phase Adjust with Slice park Pov phase Assume S Pov phase Adjust with Slice park Pov phase Assume S Pov phase Adjust with Slice park Pov phase Assume S Pov phase Adjust with Slice park Pov phase Adjust with Slice park Pov phase end Slice park Pov phase 25.8 % Adjust with Pov phase Adjust Pov Pov pov pov pov pov pov pov pov phase Adjust Pov p	 nde	Standard
Slice oversampling		Off
Slices per slab FoV read FoV phase Slice thickness Slice partial Fourier Slice partial Slice		Off
FoV read 99 mm ! Ref. amp FoV phase 25.8 % Adjustmer Slice thickness 1.5 mm Adjust vol TR 3000 ms Position TE 45.9 ms Oriental Averages 1 Rotatic Concatenations 1 R >> L Filter None A >> P Coil elements B4;M2,3;T1 F >> H Dontrast Physio 1st Signal TI 1100 ms Composing Flip angle 165 deg Composing Fat sat. mode Strong Introduction Averaging mode Long term Reconstruction Reorderin Reconstruction Magnitude Reorderin Resolution Magnitude Reorderin Resolution Turb fact Base resolution 132 Phase resolution 100 % Replace Slice resolution 100 % Replace Slice partial Fourier 5/8 BIR4: 2nd		Off
FoV phase 25.8 %		
Slice thickness		215.000 V
TR 3000 ms Position TE 45.9 ms Oriental Averages 1 Rotation Concatenations 1 Royal R		Auto
TE 45.9 ms Oriental Averages 1 Rotation Concatenations 1 Robbin Reconcatenations 1 Robbin Reconstruction Magnitude Reconstruction Magnitude Reconstruction Magnitude Resolution Phase resolution Slice partial Fourier Raw filter Off Raw filter Recombtry Averages 1 Robbin Robbi		D07.0 D0.0 L140.0
Averages 1 Concatenations 1 Filter None A >> P Coil elements B4;M2,3;T1 F >> H Contrast Physio Magn. preparation Non-sel. IR TI 1100 ms Flip angle 165 deg Fat suppr. Fat sat. Fat sat. mode Strong Averaging mode Long term Reconstruction Magnitude Resorderin Measurements 241 Pause after meas. 0.0 s Multiple series Off Base resolution 132 Phase resolution 100 % Slice partial Fourier 5/8 Interpolation Off PAT mode None Revolution Pase encometry Series Interleaved Restation Resorderin Terfor durate Encompts of the phase encometry None Reconstruction Application Resorderin Terfor durate Encompts Series Interleaved Restation Restation Restation Resorderin Terfor durate Encompts Series Interleaved Restation		R27.3 P0.8 H16.6
Concatenations Filter None Coil elements B4;M2,3;T1 F>> H Ontrast Magn. preparation TI 1100 ms Flip angle Fat suppr. Fat sat. Fat sat. Fat sat. mode Averaging mode Reconstruction Measurements Pause after meas. Multiple series Off Base resolution Base resolution Slice partial Fourier Interpolation PAT mode PAT mode Rewinstruction None Resolution PAT mode Resolution Pase reson Normalize Rewinstruction Resolution PAT mode Resolution PAT mode Remission Resolution Resolution Resolution File partial Fourier Spries Resolution PAT mode Resolution Resolution Resolution Resolution Resolution File partial Fourier Spries Resolution Resolution Resolution Resolution Resolution File partial Fourier Spries Resolution Res		T > S24.2 > C-18.7
Filter None B4;M2,3;T1 Physio Ontrast Physio Magn. preparation Non-sel. IR 1100 ms Flip angle 165 deg Fat suppr. Fat sat. Sequence Fat sat. mode Strong Introduction Averaging mode Long term Reconstruction Magnitude Resurements 241 Contrasts Bandwidth Echo space Base resolution 100 % Base resolution 100 % Slice partial Fourier 5/8 Interpolation Off PAT mode None Prescan Normalize Off Reometry Series Interleaved Physio A >> P F >> H F >>		-20.00 deg
Coil elements Ontrast Magn. preparation TI		99 mm
Magn. preparation TI		26 mm
Magn. preparation Non-sel. IR TI 1100 ms Flip angle 165 deg Fat suppr. Fat sat. Sequence Fat sat. mode Strong Averaging mode Long term Reconstruction Magnitude Practice PAT mode Slice partial Fourier Series Pays and Magnitude Series Off PAT mode None Turbo fact Explanation Non-sel. IR 1100 ms Composing Composing Sequence Introduction Reorderin Reord	Н	12 mm
TI 1100 ms Flip angle 165 deg Fat suppr. Fat sat. Sequence Fat sat. mode Strong Introduction Averaging mode Long term Reconstruction Magnitude PAT mode None Passe and Magnitude Passe and Magnitude Passe and Magnitude Reconstruction Magnitude Contrasts Bandwidth Echo space Evaluation Base resolution Slice partial Fourier 5/8 Interpolation PAT mode None Turbo fact EPI factor RF pulse for Gradient reformed in the pulse for Gradient re		
Flip angle 165 deg Fat suppr. Fat sat. Sequence Fat sat. mode Strong Introduction Averaging mode Long term Reconstruction Magnitude Contrasts Pause after meas. 0.0 s Pase resolution 132 Phase resolution 100 % Slice partial Fourier 5/8 Interpolation Off PAT mode None Prescan Normalize Pass at sat. Sequence Introduction Reorderin Contrasts Bandwidth Echo space Pass Pass Pass Pass Pass Pass Pass Pas	al/Mode	None
Fat suppr. Fat sat. Fat suppr. Fat sat. Fat sat. mode Averaging mode Reconstruction Magnitude Measurements Pause after meas. Multiple series Contrasts Bandwidth Echo space Sesolution Base resolution Phase resolution Slice partial Fourier Introduction Magnitude Contrasts Bandwidth Echo space EPI factor RF pulse for gradient r Slice partial Fourier Interpolation Off PAT mode None Prescan Normalize Raw filter Off Requence Introduction Dimension Reorderin Contrasts Bandwidth Echo space EPI factor RF pulse for gradient r Slice partial Fourier S/8 Interpolation Off BIR4: 2nd BIR4: 2nd BIR4: dura excite dura refoc dura excite BW refoc BWI phase enc Maxwell c	•	
Fat sat. mode Averaging mode Reconstruction Magnitude Measurements Pause after meas. Multiple series Coff Base resolution Phase resolution Slice partial Fourier Introduction Magnitude Contrasts Bandwidth Echo space EPI factor RF pulse for gradient r Slice partial Fourier PAT mode None Prescan Normalize Raw filter Contrasts Bandwidth Echo space EPI factor RF pulse for gradient r BIR4: 2nd BIR4: 2nd BIR4: 2nd BIR4: dura excite dura refoc dura excite BW refoc BWT phase end Maxwell c	9	
Averaging mode Reconstruction Magnitude Measurements Pause after meas. Pause after meas. Off esolution Base resolution Phase resolution Slice partial Fourier Slice partial Fourier PAT mode Prescan Normalize Pase resolution Poff Pase resolution Poff Pase resolution Poff Patential Fourier Poff Poff Patential Fourier Poff Poff Poff Poff Poff Poff Poff Pof		
Averaging mode Reconstruction Magnitude Measurements Pause after meas. Pause after meas. Off Base resolution Phase resolution Slice partial Fourier Slice partial Fourier PAT mode Prescan Normalize Recorderin Recorderin Reorderin Contrasts Bandwidth Echo space EPI factor RF pulse to Gradient r Slice partial Fourier PAT mode None Prescan Normalize Recorderin Reorderin Reorde	tion	Off
Reconstruction Magnitude 241 Contrasts Pause after meas. 0.0 s Pause after meas. Off Sesolution Turbo fact EPI factor RF pulse for gradient r Slice partial Fourier 5/8 Interpolation Off PAT mode None Prescan Normalize Reorderin Reorderin Contrasts Bandwidth Echo space EPI factor RF pulse for gradient r Slice partial Fourier 5/8 BIR4: 2nd BIR4: 2nd BIR4: dura excite dura refoc dura excite BW refoc BWT phase enc Maxwell c		3D
Measurements 241 Pause after meas. 0.0 s Multiple series Off Esolution Base resolution 132 Phase resolution 100 % Slice resolution 100 % Slice partial Fourier 5/8 Interpolation Off PAT mode None Prescan Normalize Off Raw filter Eono space EpI factor RF pulse for gradient r BIR4: 2nd BIR4: 2nd BIR4: dura excite dura refoc dura excite BW refoc BWT phase end Maxwell c	ing	Centric
Pause after meas. Pause after meas. Multiple series Off Esolution Base resolution Phase resolution Slice resolution Slice partial Fourier Interpolation PAT mode Prescan Normalize Raw filter Off Ram fulls Defended by the partial series Off Defended by the partial series Defended by the partial series		2
Multiple series Multiple series Off Esolution Base resolution Phase resolution Slice resolution Slice partial Fourier Slice partial Fourier PAT mode Prescan Normalize Resolution None Prescan Normalize Resolution Off None Prescan Normalize Off Raw filter Off Off Off Off Off Off Off O		1052 Hz/Px
esolution Base resolution Phase resolution Slice resolution Slice partial Fourier Interpolation PAT mode Prescan Normalize Raw filter Off Interleaved Turbo fact EPI factor RF pulse for		1.1 ms
Base resolution 132 Phase resolution 100 % Slice resolution 100 % Slice partial Fourier 5/8 Interpolation Off BIR4: 2nd PAT mode None excite dura refoc dura excite BW Raw filter Peometry Passes Interleaved EPI factor RF pulse in RF		
Phase resolution 100 % Slice resolution 100 % Slice partial Fourier 5/8 Interpolation Off BIR4: 2nd BIR		5
Phase resolution 100 % Slice resolution 100 % Slice partial Fourier 5/8 Interpolation Off BIR4: 2nd BIR4: 2nd BIR4: dura excite dura refoc dura excite BW Raw filter Off refoc BWT eometry Springs Interleaved		34
Slice resolution 100 % Slice partial Fourier 5/8 Interpolation Off PAT mode None excite dura refoc dura excite BW Raw filter Off eometry Series Interleaved Gradient r BIR4: 2nd BIR4: dura excite dura refoc dura excite BW refoc BWT phase end Maxwell c	* *	Normal
Slice partial Fourier 5/8 Interpolation Off BIR4: 2nd BI	t mode	Fast
Interpolation Off BIR4: dura PAT mode None excite dura Prescan Normalize Off excite BW Raw filter Off refoc BW7 exempty phase encompany Springs Interlegated Maxwell c	nd coam phase	220
PAT mode None excite dura refoc dura refoc dura excite BW Raw filter Off refoc BW7 phase encometry springs Interleaved Maxwell c		338 5130
PAT filode refoc dura Prescan Normalize Off excite BW Raw filter Off refoc BW7 eometry phase end Maxwell c		5120
Prescan Normalize Off excite BW refoc BW7 eometry phase end Maxwell c		2560
Raw filter Off refoc BW7 eometry phase end Series Interleaved Maxwell c		2560
eometry phase end Series Interleaved Maxwell c		10.4
Series Interleaved Maxwell c		5.2
Series Interleaved Maxwell c		ON
THE HEAVED	compensation	Off
ICE progra	gram	single
Sat. region 1 Thickness 26 mm		

\\USER\Feinberglab\Suhyung\CS-M1\BP_grase_clean_IV_Regular_TE43_SH_TR3000						
	TA: 0:00	PAT: Off	Voxel size: 0.8×0.8×1.5 mm	Rel. SNR: 1.00	USER: BP_grase_clean_IV_SH	
Dro	nortica			Orientation	C > S26.5 > T17.3	

Properties		Orientation	C > S26.5 > T17.3
Prio Recon	Off	— Special sat.	None
Before measurement	J II	Table position	Н
After measurement		Table position	0 mm
Load to viewer	On	Inline Composing	Off
Inline movie	Off	Inline Composing	Oli
		System	
Auto store images	On Off	T1	On
Load to stamp segments	Off	M2	On
Load images to graphic	Off	B4	On
segments	~"	M3	On
Auto open inline display	Off	V32	Off
Start measurement without	On		
further preparation		Positioning mode	FIX
Wait for user to start	Off	MSMA	S - C - T
Start measurements	single	Sagittal	R >> L
Routine		Coronal	A >> P
		— Transversal	F >> H
Slab group 1	4	Save uncombined	Off
Slabs	1	Coil Combine Mode	Adaptive Combine
Dist. factor	0 %	AutoAlign	
Position	R27.3 P0.8 H16.6	Auto Coil Select	Default
Orientation	T > S24.2 > C-18.7		
Phase enc. dir.	A >> P	Shim mode	Standard
Rotation	-20 deg	Adjust with body coil	Off
Phase oversampling	0 %	Confirm freq. adjustment	Off
Slice oversampling	0.0 %	Assume Silicone	Off
Slices per slab	8	! Ref. amplitude 1H	215.000 V
FoV read	99 mm	Adjustment Tolerance	Auto
FoV phase	25.8 %	Adjust volume	, tate
Slice thickness	1.5 mm	Position	R27.3 P0.8 H16.6
TR	3000 ms	Orientation	T > S24.2 > C-18.7
TE TE	45.92 ms	Rotation	-20.00 deg
Averages	1	Rotation R >> L	99 mm
Concatenations	1	A >> P	
Filter	None		26 mm
		F >> H	12 mm
Coil elements	B4;M2,3;T1	Physio	
Contrast		1st Signal/Mode	None
Magn. preparation	None	 '	110110
Flip angle	180 deg	Composing	
Fat suppr.	Fat sat.	Coguence	
Fat sat. mode	Strong	Sequence	0"
		Introduction	Off
Averaging mode	Long term	Dimension	3D
Reconstruction	Magnitude	Reordering	Centric
Measurements	241	Contrasts	1
Pause after meas.	0 s	Bandwidth	1052 Hz/Px
Multiple series	Off	Turbo factor	5
		EPI factor	34
Resolution			Normal
Base resolution	132	RF pulse type	
Phase resolution	100 %	Gradient mode	Fast
Slice resolution	100 %	refocussing type	sinc 2560
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
Naw IIIIel	Oii	excite duration	2560
Geometry		refoc duration	2560
Series	Interleaved	excite BWTP	10.4
		refoc BWTP	5.2
Sat. region 1		Opposite Polarity Crusher	Off
Thickness	26 mm	pre-crusher	0
Position	L10.8 P8.8 F15.4	post-crusher1	0
•		4/8	
		4/0	

post-crusher2	0
post-crusher3	0
post-crusher4	0

\\USER\Fei	inberglab\Suhyung\CS-M1\B	P grase clean IV Regular	SH dblOb
TA: 0:00 PAT: Off	Voxel size: 0.8×0.8×1.5 mm	-	P_grase_clean_IV_SH
TA: 0:00 PAT: OII	voxei size: 0.8×0.8×1.5 mm	Rei. SNR: 1.00 USER: Bi	P_grase_clean_tv_5H
Properties		Orientation	Coronal
Prio Recon	Off	Special sat.	None
Before measurement	Oli	Table position	Н
After measurement		Table position	0 mm
Load to viewer	On	Inline Composing	Off
Inline movie	Off		Oli
Auto store images	On	System	
Load to stamp segments	Off	T1	On
Load images to graphic	Off	M2	On
segments	Oli	B4	On
Auto open inline display	Off	M3	On
Start measurement without	On	V32	Off
further preparation	OII	Desitioning mode	DEE
Wait for user to start	Off	Positioning mode	REF
Start measurements	single	MSMA Societal	S - C - T R >> L
Start measurements	Sirigie	Sagittal Coronal	K >> L A >> P
Routine			
Slab group 1		Transversal	F >> H
Slabs	1	Save uncombined	Off
Dist. factor	0 %	Coil Combine Mode	Adaptive Combine
Position	Isocenter	AutoAlign	D-flt
Orientation	Transversal	Auto Coil Select	Default
Phase enc. dir.	A >> P	Shim mode	Standard
Rotation	0 deg	Adjust with body coil	Off
Phase oversampling	0 %	Confirm freq. adjustment	Off
Slice oversampling	0.0 %	Assume Silicone	Off
Slices per slab	8	? Ref. amplitude 1H	0.000 V
FoV read	94 mm	Adjustment Tolerance	Auto
FoV phase	25.0 %	Adjust volume	7.000
Slice thickness	1.5 mm	Position	Isocenter
TR	3000 ms	Orientation	Transversal
TE	37.54 ms	Rotation	0.00 deg
Averages	1	R >> L	94 mm
Concatenations	1	A >> P	24 mm
Filter	None	F >> H	12 mm
Coil elements	B4;M2,3;T1	Ţ	12 111111
1	,,_,	Physio	
Contrast		1st Signal/Mode	None
Magn. preparation	None	Composing	
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	Centric
Measurements	241	Contrasts	1
Pause after meas.	0 s	Bandwidth	1144 Hz/Px
Multiple series	Off	Turbo factor	5
1	3 11		5
Resolution		EPI factor	28 Normal
Base resolution	112	RF pulse type	Normal
Phase resolution	100 %	Gradient mode	Fast
Slice resolution	100 %	refocussing type	sinc 2560
Slice partial Fourier	5/8	flip angle excit	90
Interpolation	Off	phase encoding	ON
		Maxwell compensation	Off
PAT mode	None	ICE program	single
Prescan Normalize	Off	prepscans	0
Raw filter	Off	excite duration	2560
		refoc duration	2560
Geometry		excite BWTP	16
Series	Interleaved	refoc BWTP	8
Sat. region 1		Opposite Polarity Crusher	Off
Thickness	20 mm	nre-crusher	0

Thickness

Position

20 mm

Isocenter

pre-crusher

post-crusher1

0

0

post-crusher2	0
post-crusher3	0
post-crusher4	0

Table of contents

\\USER

