

**Philips MRI Protocol Dump**  
**Created on**  
2/1/2017 10:38:48 AM  
**Comment**  
Created by ExamCard\_to\_XML with inputs:  
"G:\Site\ecdatabase\ppdb.dat\hospital\Neuro\_Studies\Hsiung\COMPASS\_HUMAN.ExamCard" on system (UBC :: 192.168.71.10)  
**Software Stream**  
3.2.3.1

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Neuro\_Studies (1)  
Hsiung (1)  
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{B1860723-4F8F-476e-8075-D42C65706693} (0)

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | 3\_Plane\_Localizer 00:31.5

INFO PAGE	GEOMETRY	CONTRAST
Total scan duration	*MOREECHOES enable	Scan type
Rel. signal level (%)	no	Imaging
Grad sign (+1/-1):	*MOREECHOES int array	Scan mode
1	0, 0	M2D
Act. TR/TE (ms)	Nucleus	technique
11 / 4.6	H1	FFE
ACQ matrix M x P	Coil selection	Contrast enhancement
256 x 128	SENSE-Head-8	T1
ACQ voxel MPS (mm)	element selection	Acquisition mode
0.98 / 1.95 / 10.0	SENSE	cartesian
REC voxel MPS (mm)	connection	Fast Imaging mode
0.98 / 0.98 / 10.0	d	TFE
Scan percentage (%)	Dual coil	shot mode
50	no	multishot
TFE shots	Multi coil	TFE factor
2	no	64
TFE dur. shot / acq (ms)	Homogeneity correction	startup echoes
1166.0 / 712.4	none	default
TFE shot interval (ms)	CLEAR	shot interval
1166.044	no	shortest
Min. TI delay	FOV FH (mm)	profile order
402.423	250	linear
Act. WFS (pix) / BW (Hz)	AP (mm)	Echoes
3.496 / 124.3	250	1
Min. WFS (pix) / Max. BW (Hz)	stack RL (mm)	partial echo
1.045 / 415.8	50	yes
SAR / head	Voxel size FH (mm)	shifted echo
< 9 %	0.9765625	no
Whole body / level	AP (mm)	TE
0.0 W/kg / normal	1.953125	in-phase
B1 rms	Slice thickness (mm)	(ms)
0.69 uT	10	4.602985
PNS / level	Recon voxel size (mm)	Flip angle (deg)
16 % / normal	0.9765625	15
Sound Pressure Level (dB)	Fold-over suppression	TR
1.293028	no	shortest
<b>MOTION</b>	Reconstruction matrix	Halfscan
Cardiac synchronization	256	no
no	SENSE	Water-fat shift
Heart rate > 250 bpm	no	user defined
no	k-t BLAST	(pixels)
Respiratory compensation	no	3.5
no	Stacks	Shim
Navigator respiratory comp	3	default
no	current	Fat suppression
Flow compensation	A	no
Force Grad sign -1	type	Water suppression
no	parallel	no
fMRI echo stabilisation	slices	TFE prepulse
no	3	invert
Motion smoothing	slice gap	slice selection
no	user defined	no
NSA	gap (mm)	shared
1	10	no
<b>DYN/ANG</b>	slice orientation	delay
Angio / Contrast enh.	sagittal	user defined
no	fold-over direction	(ms)
Quantitative flow	AP	800
no	F	PSIR
Manual start	fat shift direction	no
no	F	MTC
Dynamic study	Slice scan order	no
no	default	Research prepulse
Arterial Spin labeling	Stack scan order	no
no	ascend	Diffusion mode
<b>POST/PROC</b>	Move table per stack	no
Preparation phases	no	gradient duty cycle model
auto	Stack alignment	yes
Interactive F0	no	Elastography mode
no	Stack display order	no
SmartPlan survey	no	FFE Elasto Mode
no	PlanAlign	no
B0 field map	REST slabs	SAR mode
no	0	high
B1 field map	Interactive positioning	B1 mode
no	no	default
MIP/MPR	Allow table movement	SAR Patient data
no	no	auto
Images	<b>OFFC/ANG</b>	PNS mode
M, no, no, no	Stacks	low
Autoview image	3	Gradient mode
M	current	regular
Calculated images	A	SofTone mode
no, no, no, no	Stack Offc. AP (P=+mm)	no
Reference tissue	0	
Grey matter	RL (L=+mm)	
Preset window contrast	0	
soft	FH (H=+mm)	
Reconstruction mode	20	
real time	Ang. AP (deg)	
Save raw data	0	
no	RL (deg)	
Hardcopy protocol	0	
no	FH (deg)	
Ring filtering	0	
rectangular		
Geometry correction		
default		

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | Ref\_HC\_8 00:44.4

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	00:44.4	Coil selection	SENSE-Head-8	Coil selection	SENSE-Head-8
Rel. signal level (%)	100	element selection	SENSE	element selection	SENSE
Grad sign (+1/-1):	1	connection	d	connection	d
Act. TR/TE (ms)	4.0 / 0.75	Dual coil	no	Dual coil	no
ACQ matrix M x P	96 x 75	Fold-over suppression	no	Fold-over suppression	no
ACQ voxel MPS (mm)	5.52 / 7.07 / 6.00	Stack Offc. AP (P=+mm)	-7.38014	Stack Offc. AP (P=+mm)	-7.38014
REC voxel MPS (mm)	5.52 / 5.52 / 3.00	RL (L=+mm)	1.671578	RL (L=+mm)	1.671578
Scan percentage (%)	78.125	FH (H=+mm)	15.46823	FH (H=+mm)	15.46823
Packages	1	Respiratory compensation	no	Respiratory compensation	no
Act. WFS (pix) / BW (Hz)	0.210 / 2071.3	NSA	3	NSA	3
Min. WFS (pix) / Max. BW (Hz)	0.209 / 2083.3	Manual start	no	Manual start	no
SAR / local torso	< 2 %	OFFC/ANG			
Whole body / level	0.0 W/kg / normal	Coil selection	SENSE-Head-8		
B1 rms	0.25 uT	element selection	SENSE		
PNS / level	28 % / normal	connection	d		
Sound Pressure Level (dB)	17.52302	Dual coil	no		
		Fold-over suppression	no		
		Stack Offc. AP (P=+mm)	-7.38014		
		RL (L=+mm)	1.671578		
		FH (H=+mm)	15.46823		
		Respiratory compensation	no		
		NSA	3		
		Manual start	no		
MOTION		DYN/ANG			
Coil selection	SENSE-Head-8	Coil selection	SENSE-Head-8		
element selection	SENSE	element selection	SENSE		
connection	d	connection	d		
Dual coil	no	Dual coil	no		
Fold-over suppression	no	Fold-over suppression	no		
Stack Offc. AP (P=+mm)	-7.38014	Stack Offc. AP (P=+mm)	-7.38014		
RL (L=+mm)	1.671578	RL (L=+mm)	1.671578		
FH (H=+mm)	15.46823	FH (H=+mm)	15.46823		
Respiratory compensation	no	Respiratory compensation	no		
NSA	3	NSA	3		
Manual start	no	Manual start	no		
POST/PROC					
Coil selection	SENSE-Head-8				
element selection	SENSE				
connection	d				
Dual coil	no				
Fold-over suppression	no				
Stack Offc. AP (P=+mm)	-7.38014				
RL (L=+mm)	1.671578				
FH (H=+mm)	15.46823				
Respiratory compensation	no				
NSA	3				
Manual start	no				

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | 3DT1\_SAG 06:16.8

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	06:16.8	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Scan mode	3D
Grad sign (+1/-1):	1	Nucleus	H1	technique	FFE
Act. TR/TE (ms)	7.3 / 3.3	Coil selection	SENSE-Head-8	Contrast enhancement	T1
ACQ matrix M x P	256 x 248	element selection	SENSE	Acquisition mode	cartesian
ACQ voxel MPS (mm)	1.00 / 1.00 / 1.00	connection	d	Fast Imaging mode	TFE
REC voxel MPS (mm)	1.00 / 1.00 / 1.00	Dual coil	no	3D non-selective	no
Scan percentage (%)	100	CLEAR	yes	shot mode	multishot
TFE shots	126	body tuned	no	TFE factor	248
TFE dur. shot / acq (ms)	1843.0 / 1798.8	FOV FH (mm)	256	3D free factor	no
Min. TI delay	934.991	AP (mm)	248	startup echoes	default
Act. WFS (pix) / BW (Hz)	1.901 / 228.6	RL (mm)	180	shot interval (ms)	user defined 3000
Min. WFS (pix) / Max. BW (Hz)	0.556 / 781.3	Voxel size FH (mm)	1	profile order	linear
SAR / head	< 8 %	AP (mm)	1	turbo direction	Y
Whole body / level	0.0 W/kg / normal	RL (mm)	1	Echoes	1
B1 rms	0.68 uT	Recon voxel size (mm)	1	partial echo	no
PNS / level	58 % / normal	Fold-over suppression	no	shifted echo	no
Sound Pressure Level (dB)	7.756535	Slice oversampling	default	TE	shortest
<b>MOTION</b>		RF select. FOS	no	Flip angle (deg)	9
Cardiac synchronization	no	Reconstruction matrix	256	TR	shortest
Heart rate > 250 bpm	no	SENSE	yes	Halfscan	no
Respiratory compensation	no	P reduction (AP)	1	Water-fat shift	user defined (pixels) 1.9
Navigator respiratory comp	no	P os factor	1	Shim	auto
Flow compensation	no	S reduction (RL)	2	Fat suppression	no
Force Grad sign -1	no	k-t BLAST	no	Water suppression	no
fMRI echo stabilisation	no	Overcontiguous slices	no	TFE prepulse	invert
Motion smoothing	no	Stacks	1	slice selection	no
NSA	1	slices	180	delay	shortest
<b>DYN/ANG</b>		slice orientation	sagittal	PSIR	no
Angio / Contrast enh.	no	fold-over direction	AP	MTC	no
Quantitative flow	no	fat shift direction	F	Research prepulse	no
CENTRA	no	Chunks	1	Diffusion mode	no
Manual start	no	PlanAlign	no	gradient duty cycle	yes
Dynamic study	no	REST slabs	0	model	
Arterial Spin labeling	no	Interactive positioning	no	Elastography mode	no
<b>POST/PROC</b>		Allow table movement	no	FFE Elast Mode	no
Preparation phases	auto	<b>OFFC/ANG</b>		SAR mode	high
Interactive F0	no	Stacks	1	B1 mode	default
SmartPlan survey	no	Stack Offc. AP (P=+mm)	-14.34905	SAR Patient data	auto
B0 field map	no	RL (L=+mm)	0.5991689	PNS mode	low
B1 field map	no	FH (H=+mm)	13.32345	Gradient mode	default
MIP/MPR	no	Ang. AP (deg)	-0.4816424	SoftTone mode	no
Images	M, no, no, no	RL (deg)	0.0137129		
Autoview image	M	FH (deg)	1.630854		
Calculated images	no, no, no, no				
Reference tissue	White matter				
Preset window contrast	soft				
Reconstruction mode	immediate				
Save raw data	no				
Hardcopy protocol	no				
Ringier filtering	default				
Geometry correction	default				
Elliptical k-space shutter	default				



Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | FLAIR\_SPIR\_AXIAL 04:12.0

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	04:12.0	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Scan mode	MS
Grad sign (+1/-1):	1	Nucleus	H1	technique	IR
Act. TR/TI (ms)	9000 / 2500	Coil selection	SENSE-Head-8	Acquisition mode	cartesian
Act. TE (ms)	125	element selection	SENSE	Fast Imaging mode	TSE
ACQ matrix M x P	256 x 222	connection	d	shot mode	multishot
ACQ voxel MPS (mm)	0.94 / 0.95 / 3.00	Dual coil	no	TSE factor	19
REC voxel MPS (mm)	0.94 / 0.94 / 3.00	CLEAR	yes	startup echoes	0
Scan percentage (%)	99.13043	body tuned	no	profile order	linear
Packages	4	FOV AP (mm)	240	DRIVE	no
Min. slice gap (mm)	0.6	RL (mm)	210	ultrashort	yes
Optimal slices	26	FH (mm)	144	shift	0
Max. slices	52	Voxel size AP (mm)	0.94	Echoes	1
WFS (pix) / BW (Hz)	1.805 / 240.7	RL (mm)	0.94	partial echo	no
Full flow comp.	yes	Slice thickness (mm)	3	TE	user defined
TSE es / shot (ms)	12.5 / 238	Recon voxel size (mm)	0.9375	(ms)	125
Teff / TEequiv (ms)	125 / 122	Fold-over suppression	no	Refocusing control	yes
Min. TR/TI (ms)	8285 / 50	Reconstruction matrix	256	angle (deg)	150
SAR / head	< 64 %	SENSE	yes	echo enhancement	no
Whole body / level	< 0.1 W/kg / normal	P reduction (RL)	2	bright fat reduction	no
B1 rms	1.87 uT	P os factor	1	TR	user defined
PNS / level	54 % / normal	k-t BLAST	no	(ms)	9000
Sound Pressure Level (dB)	14.96386	Stacks	1	Halfscan	no
<b>MOTION</b>		type	parallel	Water-fat shift	maximum
Cardiac synchronization	no	slices	48	IR delay (ms)	2500
Heart rate > 250 bpm	no	slice gap	user defined	acquire during delay	yes
Respiratory compensation	no	gap (mm)	0	dual	no
Navigator respiratory comp	no	slice orientation	transverse	power	1
Flow compensation	yes	fold-over direction	RL	Shim	default
Motion smoothing	no	fat shift direction	P	Fat suppression	SPIR
NSA	1	Minimum number of packages	3	strength	strong
<b>DYN/ANG</b>		Slice scan order	default	frequency offset	default
Manual start	no	PlanAlign	no	Water suppression	no
Dynamic study	no	REST slabs	1	Grad. rev. offres. supp.	no
Arterial Spin labeling	no	type	parallel	MTC	no
<b>POST/PROC</b>		thickness (mm)	54	Research prepulse	no
Preparation phases	auto	position	feet	Zoom imaging	no
Interactive F0	no	gap	default	Diffusion mode	no
SmartPlan survey	no	power	1	gradient duty cycle model	yes
B0 field map	no	Interactive positioning	no	Elastography mode	no
B1 field map	no	Allow table movement	no	FFE Elasto Mode	no
MIP/MPR	no	<b>OFFC/ANG</b>		SAR mode	high
Images	M, no, no, no	Stacks	1	B1 mode	default
Autoview image	M	Stack Offc. AP (P=+mm)	0	SAR Patient data	auto
Reference tissue	Grey matter	RL (L=+mm)	0	PNS mode	high
Preset window contrast	soft	FH (H=+mm)	0	Gradient mode	default
Reconstruction mode	real time	Ang. AP (deg)	0	SoftTone mode	no
Save raw data	no	RL (deg)	0		
Hardcopy protocol	no	FH (deg)	0		
Ringing filtering	rectangular				
Geometry correction	2D compensation				

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | T2\_FFE 04:17.4

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	04:17.4	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Scan mode	MS
Grad sign (+1/-1):	1	Nucleus	H1	technique	FFE
Act. TR/TE (ms)	650 / 21	Coil selection	SENSE-Head-8	Contrast enhancement	no
ACQ matrix M x P	256 x 254	element selection	SENSE	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.94 / 0.94 / 3.00	connection	d	Fast Imaging mode	none
REC voxel MPS (mm)	0.94 / 0.94 / 3.00	Dual coil	no	Echoes	1
Scan percentage (%)	99.23664	CLEAR	yes	partial echo	no
Packages	3	body tuned	no	shifted echo	no
Min. slice gap (mm)	0	FOV AP (mm)	240	TE	in-phase
Optimal slices	18	RL (mm)	240	(ms)	20.71343
Max. slices	54	FH (mm)	144	Flip angle (deg)	20
Act. WFS (pix) / BW (Hz)	2.002 / 217.0	Voxel size AP (mm)	0.94	TR	user defined
Min. WFS (pix) / Max. BW (Hz)	0.907 / 479.0	RL (mm)	0.94	(ms)	650
Min. TR/TE (ms)	548 / 9.4	Slice thickness (mm)	3	Halfscan	no
SAR / head	< 60 %	Recon voxel size (mm)	0.9375	Water-fat shift	user defined
Whole body / level	< 0.1 W/kg / normal	Fold-over suppression	no	(pixels)	2
B1 rms	1.81 uT	Reconstruction matrix	256	Shim	default
PNS / level	14 % / normal	SENSE	yes	Fat suppression	no
Sound Pressure Level (dB)	-3.928953	P reduction (RL)	2	Water suppression	no
		P os factor	1	MTC	no
		k-t BLAST	no	Research prepulse	no
		Stacks	1	Diffusion mode	no
		type	parallel	gradient duty cycle	yes
		slices	48	model	
		slice gap	user defined	Elastography mode	no
		gap (mm)	0	FFE Elasto Mode	no
		slice orientation	transverse	SAR mode	high
		fold-over direction	RL	B1 mode	default
		fat shift direction	P	SAR Patient data	auto
		Minimum number of packages	1	PNS mode	low
		Slice scan order	default	Gradient mode	default
		PlanAlign	no	SoftTone mode	yes
		REST slabs	1		
		shared	no		
		type	parallel		
		thickness (mm)	60		
		position	feet		
		gap	default		
		power	1		
		Interactive positioning	no		
		Allow table movement	no		
		OFFC/ANG			
		Stacks	1		
		Stack Offc. AP (P=+mm)	-10.32491		
		RL (L=+mm)	0.5991689		
		FH (H=+mm)	22.57899		
		Ang. AP (deg)	-0.4816424		
		RL (deg)	0.0137129		
		FH (deg)	1.630854		
MOTION					
Cardiac synchronization	no				
Heart rate > 250 bpm	no				
Respiratory compensation	no				
Navigator respiratory comp	no				
Flow compensation	yes				
Temporal slice spacing	default				
fMRI echo stabilisation	no				
NSA	1				
DYN/ANG					
Angio / Contrast enh.	no				
Quantitative flow	no				
Manual start	no				
Dynamic study	no				
Arterial Spin labeling	no				
POST/PROC					
Preparation phases	auto				
Interactive F0	no				
SmartPlan survey	no				
B0 field map	no				
B1 field map	no				
MIP/MPR	no				
Images	M, no, no, no				
Autoview image	M				
Calculated images	no, no, no, no				
Reference tissue	Grey matter				
Preset window contrast	soft				
Reconstruction mode	real time				
Save raw data	no				
Hardcopy protocol	no				
Ringing filtering	rectangular				
Geometry correction	default				

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | DTI\_b0 00:22.3

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	00:22.3	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0	Scan mode	MS
Grad sign (+1/-1):	1	Nucleus	H1	technique	SE
Act. TR (ms)	7433	Coil selection	SENSE-Head-8	Modified SE	no
Act. TE (ms)	65	element selection	SENSE	Acquisition mode	cartesian
ACQ matrix M x P	128 x 128	connection	d	Fast Imaging mode	EPI
ACQ voxel MPS (mm)	2.00 / 2.00 / 2.00	Dual coil	no	shot mode	single-shot
REC voxel MPS (mm)	2.00 / 2.00 / 2.00	CLEAR	yes	Echoes	1
Scan percentage (%)	100	body tuned	no	partial echo	no
Packages	1	FOV RL (mm)	256	TE	shortest
Min. slice gap (mm)	0	AP (mm)	256	Flip angle (deg)	90
Diffusion gradient timing DELTA	32.2 / 0.2	FH (mm)	140	TR	shortest
EPI factor	67	Voxel size RL (mm)	2	Halfscan	no
WFS (pix) / BW (Hz)	23.098 / 18.8	AP (mm)	2	Water-fat shift (pixels)	user defined
BW in EPI freq. dir. (Hz)	1514.9	Slice thickness (mm)	2	Shim	auto
SAR / head	< 35 %	Recon voxel size (mm)	2	Fat suppression	SPiR
Whole body / level	< 0.1 W/kg / normal	Small FOV imaging	no	strength	strong
B1 rms	1.37 uT	Fold-over suppression	no	frequency offset	default
PNS / level	79 % / normal	Reconstruction matrix	128	Water suppression	no
Sound Pressure Level (dB)	24.32001	SENSE	yes	Grad. rev. offres. supp.	no
<b>MOTION</b>		P reduction (AP)	2	BB pulse	no
Cardiac synchronization	no	P os factor	1	MTC	no
Heart rate > 250 bpm	no	k-t BLAST	no	Research prepulse	no
Respiratory compensation	no	Stacks	1	Diffusion mode	DTI
Navigator respiratory comp	no	type	parallel	sequence	SE
Flow compensation	no	slices	70	gradient duration	maximum
Temporal slice spacing	default	slice gap	user defined	gradient overplus	no
Force Grad sign -1	no	gap (mm)	0	directional resolution	low
NSA	1	slice orientation	transverse	nr of b-factors	1
<b>DYN/ANG</b>		fold-over direction	AP	max b-factor	0
Manual start	no	fat shift direction	P	average high b	no
Dynamic study	no	Minimum number of packages	1	gradient duty cycle	yes
dyn stabilization	no	Slice scan order	default	model	
Arterial Spin labeling	no	PlanAlign	no	Elastography mode	no
<b>POST/PROC</b>		REST slabs	0	FFE Elasto Mode	no
Preparation phases	full	Interactive positioning	no	SAR mode	high
Interactive F0	no	Allow table movement	no	B1 mode	default
SmartPlan survey	no	<b>OFFC/ANG</b>		SAR Patient data	auto
B0 field map	no	Stacks	1	PNS mode	moderate
B1 field map	no	Stack Offc. AP (P=+mm)	-10.32491	Gradient mode	maximum
MIP/MPR	no	RL (L=+mm)	0.5991689	SoftTone mode	no
Images	M, no, no, no	FH (H=+mm)	22.57899		
Autoview image	M	Ang. AP (deg)	-0.4816424		
Calculated images	no, no, no, no	RL (deg)	0.0137129		
Reference tissue	White matter	FH (deg)	1.630854		
EPI 2D phase correction	no				
Preset window contrast	soft				
Reconstruction mode	immediate				
Save raw data	no				
Hardcopy protocol	no				
Ringing filtering	default				
Geometry correction	default				



Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | DTI\_32 05:49.0

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	05:49.0	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Scan mode	MS
Grad sign (+1/-1):	1	Nucleus	H1	technique	SE
Act. TR (ms)	9970	Coil selection	SENSE-Head-8	Modified SE	no
Act. TE (ms)	101	element selection	SENSE	Acquisition mode	cartesian
ACQ matrix M x P	128 x 128	connection	d	Fast Imaging mode	EPI
ACQ voxel MPS (mm)	2.00 / 2.00 / 2.00	Dual coil	no	shot mode	single-shot
REC voxel MPS (mm)	2.00 / 2.00 / 2.00	CLEAR	yes	Echoes	1
Scan percentage (%)	100	body tuned	no	partial echo	no
Packages	1	FOV RL (mm)	256	TE	shortest
Min. slice gap (mm)	0	AP (mm)	256	Flip angle (deg)	90
Diffusion gradient timing DELTA	50.3 / 18.3	FH (mm)	140	TR	shortest
EPI factor	67	Voxel size RL (mm)	2	Halfscan	no
WFS (pix) / BW (Hz)	23.098 / 18.8	AP (mm)	2	Water-fat shift	user defined
BW in EPI freq. dir. (Hz)	1514.9	Slice thickness (mm)	2	(pixels)	23.1
SAR / head	< 26 %	Recon voxel size (mm)	2	Shim	auto
Whole body / level	< 0.1 W/kg / normal	Small FOV imaging	no	Fat suppression	SPiR
B1 rms	1.18 uT	Fold-over suppression	no	strength	strong
PNS / level	79 % / normal	Reconstruction matrix	128	frequency offset	default
Sound Pressure Level (dB)	23.0897	SENSE	yes	Water suppression	no
		P reduction (AP)	2	Grad. rev. offres. supp.	no
		P os factor	1	BB pulse	no
		k-t BLAST	no	MTC	no
		Stacks	1	Research prepulse	no
		type	parallel	Diffusion mode	DTI
		slices	70	sequence	SE
		slice gap	user defined	gradient duration	maximum
		gap (mm)	0	gradient overplus	no
		slice orientation	transverse	directional resolution	high
		fold-over direction	AP	nr of b-factors	2
		fat shift direction	P	b-factor order	ascending
		Minimum number of packages	1	max b-factor	1000
		Slice scan order	default	average high b	no
		PlanAlign	no	gradient duty cycle	yes
		REST slabs	0	model	
		Interactive positioning	no	Elastography mode	no
		Allow table movement	no	FFE Elasto Mode	no
				SAR mode	high
				B1 mode	default
				SAR Patient data	auto
				PNS mode	moderate
				Gradient mode	maximum
				SoftTone mode	no

Hospital (2) | Neuro\_Studies (1) | Hsiung (1) | COMPASS\_HUMAN (9) 36:31.2 | rFMRI 08:53.8

INFO PAGE		GEOMETRY		CONTRAST	
Total scan duration	08:53.8	*MOREECHOES enable	no	Scan type	Imaging
Rel. signal level (%)	100	*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0	Scan mode	MS
Grad sign (+1/-1):	1	Nucleus	H1	technique	FFE
Act. TR/TE (ms)	2110 / 30	Coil selection	SENSE-Head-8	Contrast enhancement	no
Dyn. scan time	00:02.1	element selection	SENSE	Acquisition mode	cartesian
Time to k0	00:01.0	connection	d	Fast Imaging mode	EPI
ACQ matrix M x P	64 x 64	Dual coil	no	shot mode	single-shot
ACQ voxel MPS (mm)	3.50 / 3.50 / 3.50	CLEAR	yes	Echoes	1
REC voxel MPS (mm)	3.50 / 3.50 / 3.50	body tuned	no	partial echo	no
Scan percentage (%)	100	FOV RL (mm)	224	shifted echo	no
Packages	1	AP (mm)	224	TE	user defined
Min. slice gap (mm)	0	FH (mm)	140	(ms)	30
EPI factor	35	Voxel size RL (mm)	3.5	Flip angle (deg)	70
Act. WFS (pix) / BW (Hz)	8.941 / 48.6	AP (mm)	3.5	TR	user defined
BW in EPI freq. dir. (Hz)	2370.6	Slice thickness (mm)	3.5	(ms)	2110
Min. WFS (pix) / Max. BW (Hz)	6.029 / 72.1	Recon voxel size (mm)	3.5	Halfscan	no
Min. TR/TE (ms)	2037 / 8.1	Fold-over suppression	no	Water-fat shift	user defined
SAR / head	< 32 %	Reconstruction matrix	64	(pixels)	8.94
Whole body / level	< 0.1 W/kg / normal	SENSE	yes	Shim	auto
B1 rms	1.32 uT	P reduction (AP)	2	Fat suppression	SPIR
PNS / level	99 % / 1st level	P os factor	1	strength	strong
Sound Pressure Level (dB)	18.9413	k-t BLAST	no	frequency offset	default
<b>MOTION</b>		Stacks	1	Water suppression	no
Cardiac synchronization	no	type	parallel	MTC	no
Heart rate > 250 bpm	no	slices	40	Research prepulse	no
Respiratory compensation	no	slice gap	user defined	Diffusion mode	no
Navigator respiratory comp	no	gap (mm)	0	gradient duty cycle	yes
Flow compensation	no	slice orientation	transverse	model	
Temporal slice spacing	default	fold-over direction	AP	Elastography mode	no
Force Grad sign -1	no	fat shift direction	P	FFE Elasto Mode	no
fMRI echo stabilisation	no	Minimum number of packages	1	SAR mode	high
NSA	1	Slice scan order	ascend	B1 mode	default
<b>DYN/ANG</b>		PlanAlign	no	SAR Patient data	auto
Angio / Contrast enh.	no	REST slabs	0	PNS mode	high
Quantitative flow	no	Interactive positioning	no	Gradient mode	maximum
Manual start	yes	Allow table movement	no	SoftTone mode	no
Dynamic study	individual	<b>OFFC/ANG</b>			
dyn scans	250	Stacks	1		
recon multiplier	1	Stack Offc. AP (P=+mm)	-2.926422		
dyn scan times	shortest	RL (L=+mm)	2.548949		
FOV time mode	default	FH (H=+mm)	-12.33417		
dummy scans	1	Ang. AP (deg)	0		
immediate subtraction	no	RL (deg)	0		
fast next scan	no	FH (deg)	0		
synch. ext. device	no	<b>POST/PROC</b>			
dyn stabilization	no	Preparation phases	full		
prospect. motion	yes	Interactive F0	no		
corr.		SmartPlan survey	no		
Keyhole	no	B0 field map	no		
Arterial Spin labeling	no	B1 field map	no		
<b>POST/PROC</b>		MIP/MPR	no		
Preparation phases	full	Images	M, no, no, no		
Interactive F0	no	Autoview image	M		
SmartPlan survey	no	Calculated images	no, no, no, no		
B0 field map	no	Reference tissue	Grey matter		
B1 field map	no	EPI 2D phase correction	no		
MIP/MPR	no	Preset window contrast	soft		
Images	M, no, no, no	Reconstruction mode	real time		
Autoview image	M	reuse memory	yes		
Calculated images	no, no, no, no	Save raw data	no		
Reference tissue	Grey matter	Hardcopy protocol	no		
EPI 2D phase correction	no	Ringing filtering	default		
Preset window contrast	soft	Geometry correction	default		
Reconstruction mode	real time				
reuse memory	yes				
Save raw data	no				
Hardcopy protocol	no				
Ringing filtering	default				
Geometry correction	default				