Philips MRI Protocol Dump
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"G:\Site\ecdatabase\ppdb.dat\hospital\Neuro_Studies\Hsiung\COMPASS_PHANTOM.ExamCard" on system (UBC :: 192.168.71.10)
Software Stream
3.2.3.1

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Hospital (2) | Neuro_Studies (1) | Hsiung (1) | COMPASS_PHANTOM (5) 17:37.0 | 3_Plane_Localizer 00:31.5

INFO PAGE	
Total scan duration	00:31.5
Rel. signal level (%)	100
Grad sign (+1/-1):	1
Act. TR/TE (ms)	11 / 4.6
ACQ matrix M x P	256 x 128
ACQ voxel MPS (mm)	0.98 / 1.95 / 10.0
REC voxel MPS (mm)	0.98 / 0.98 / 10.0
Scan percentage (%)	50
TFE shots	2
TFE dur. shot / acq (ms)	1166.0 / 712.4
TFE shot interval (ms)	1166.044
Min. TI delay	402.423
Act. WFS (pix) / BW (Hz)	3.496 / 124.3
Min. WFS (pix) / Max. BW (Hz)	1.045 / 415.8
Min. TR/TE (ms)	11 / 2.4
SAR / head	< 9 %
Whole body / level	0.0 W/kg / normal
B1 rms	0.69 uT
PNS / level	16 % / normal
Sound Pressure Level (dB)	1.293028
MOTION	
Cardiac synchronization	no
Heart rate > 250 bpm	no
Respiratory compensation	no
Navigator respiratory comp	no
Flow compensation	no
Force Grad sign -1	no
fMRI echo stabilisation	no
Motion smoothing	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

GEOMETRY	
*MOREECHOES enable	no
*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
Nucleus	H1
Coil selection	SENSE-Head-8
element selection	SENSE
connection	d
Dual coil	no
Multi coil	no
Homogeneity correction	none
CLEAR	no
FOV FH (mm)	250
AP (mm)	250
stack RL (mm)	50
Voxel size FH (mm)	0.9765625
AP (mm)	1.953125
Slice thickness (mm)	10
Recon voxel size (mm)	0.9765625
Fold-over suppression	no
Reconstruction matrix	256
SENSE	no
k-t BLAST	no
Stacks	3
current	A
type	parallel
slices	3
slice gap	user defined
gap (mm)	10
slice orientation	sagittal
fold-over direction	AP
fat shift direction	F
Slice scan order	default
Stack scan order	ascend
Move table per stack	no
Stack alignment	no
Stack display order	no
PlanAlign	no
REST slabs	0
Interactive positioning	no
Allow table movement	no
OFFC/ANG	
Stacks	3
current	A
Stack Offc. AP (P=+mm)	-20
RL (L=+mm)	0
FH (H=+mm)	20
Ang. AP (deg)	0
RL (deg)	0
FH (deg)	0

CONTRAST	
Scan type	Imaging
Scan mode	M2D
technique	FFE
Contrast enhancement	T1
Acquisition mode	cartesian
Fast Imaging mode	TFE
shot mode	multishot
TFE factor	64
startup echoes	default
shot interval	shortest
profile order	linear
Echoes	1
partial echo	yes
shifted echo	no
TE	in-phase
(ms)	4.602982
Flip angle (deg)	15
TR	shortest
Halfscan	no
Water-fat shift	user defined
(pixels)	3.5
Shim	default
Fat suppression	no
Water suppression	no
TFE prepulse	invert
slice selection	no
shared	no
delay	user defined
(ms)	800
PSIR	no
MTC	no
Research prepulse	no
Diffusion mode	no
gradient duty cycle model	yes
FFE Elasto Mode	no
SAR mode	high
B1 mode	default
SAR Patient data	auto
PNS mode	low
Gradient mode	regular
SofTone mode	no

Hospital (2) | Neuro_Studies (1) | Hsiung (1) | COMPASS_PHANTOM (5) 17:37.0 | Ref_HC_8 00:44.4

INFO PAGE	
Total scan duration	00:44.4
Rel. signal level (%)	100
Grad sign (+1/-1):	1
Act. TR/TE (ms)	4.0 / 0.75
ACQ matrix M x P	96 x 75
ACQ voxel MPS (mm)	5.52 / 7.07 / 6.00
REC voxel MPS (mm)	5.52 / 5.52 / 3.00
Scan percentage (%)	78.125
Packages	1
Act. WFS (pix) / BW (Hz)	0.210 / 2071.3
Min. WFS (pix) / Max. BW (Hz)	0.209 / 2083.3
SAR / local torso	< 2 %
Whole body / level	0.0 W/kg / normal
B1 rms	0.25 uT
PNS / level	28 % / normal
Sound Pressure Level (dB)	17.52302

MOTION	
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
Manual start	no

DYN/ANG	
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
Manual start	no

GEOMETRY	
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
Manual start	no

OFFC/ANG	
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
Manual start	no

CONTRAST	
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)	5.43412
FH (H=+mm)	-15.88629
Respiratory compensation	no
NSA	3
Manual start	no

Hospital (2) | Neuro_Studies (1) | Hsiung (1) | COMPASS_PHANTOM (5) 17:37.0 | 3DT1_SAG 07:19.8

INFO PAGE	
Total scan duration	07:19.8
Rel. signal level (%)	100
Grad sign (+1/-1):	1
Act. TR/TE (ms)	7.2 / 3.3
ACQ matrix M x P	256 x 248
ACQ voxel MPS (mm)	1.00 / 1.00 / 1.00
REC voxel MPS (mm)	1.00 / 1.00 / 1.00
Scan percentage (%)	100
TFE shots	147
TFE dur. shot / acq (ms)	1840.7 / 1796.4
Min. TI delay	933.8707
Act. WFS (pix) / BW (Hz)	1.901 / 228.6
Min. WFS (pix) / Max. BW (Hz)	0.556 / 781.3
SAR / head	< 8 %
Whole body / level	0.0 W/kg / normal
B1 rms	0.68 uT
PNS / level	59 % / normal
Sound Pressure Level (dB)	7.766162
MOTION	
Cardiac synchronization	no
Heart rate > 250 bpm	no
Respiratory compensation	no
Navigator respiratory comp	no
Flow compensation	no
Force Grad sign -1	no
fMRI echo stabilisation	no
Motion smoothing	no
NSA	1
DYN/ANG	
Angio / Contrast enh.	no
Quantitative flow	no
CENTRA	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	White matter
Preset window contrast	soft
Reconstruction mode	immediate
Save raw data	no
Hardcopy protocol	no
Ringing filtering	default
Geometry correction	default
Elliptical k-space shutter	default

GEOMETRY	
*MOREECHOES enable	no
*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
Nucleus	H1
Coil selection	SENSE-Head-8
element selection	SENSE
connection	d
Dual coil	no
CLEAR	yes
body tuned	no
FOV FH (mm)	256
AP (mm)	248
RL (mm)	210
Voxel size FH (mm)	1
AP (mm)	1
RL (mm)	1
Recon voxel size (mm)	1
Fold-over suppression	no
Slice oversampling	default
RF select. FOS	no
Reconstruction matrix	256
SENSE	yes
P reduction (AP)	1
P os factor	1
S reduction (RL)	2
k-t BLAST	no
Overcontiguous slices	no
Stacks	1
slices	210
slice orientation	sagittal
fold-over direction	AP
fat shift direction	F
Chunks	1
PlanAlign	no
REST slabs	0
Interactive positioning	no
Allow table movement	no
OFFC/ANG	
Stacks	1
Stack Offc. AP (P=+mm)	-15.14498
RL (L=+mm)	-0.112192
FH (H=+mm)	-18.10481
Ang. AP (deg)	0
RL (deg)	0
FH (deg)	0

CONTRAST	
Scan type	Imaging
Scan mode	3D
technique	FFE
Contrast enhancement	T1
Acquisition mode	cartesian
Fast Imaging mode	TFE
3D non-selective	no
shot mode	multishot
TFE factor	248
3D free factor	no
startup echoes	default
shot interval	user defined
(ms)	3000
profile order	linear
turbo direction	Y
Echoes	1
partial echo	no
shifted echo	no
TE	shortest
Flip angle (deg)	9
TR	shortest
Halfscan	no
Water-fat shift	user defined
(pixels)	1.9
Shim	auto
Fat suppression	no
Water suppression	no
TFE prepulse	invert
slice selection	no
delay	shortest
PSIR	no
MTC	no
Research prepulse	no
Diffusion mode	no
gradient duty cycle model	yes
FFE Elasto Mode	no
SAR mode	high
B1 mode	default
SAR Patient data	auto
PNS mode	low
Gradient mode	default
SofTone mode	no

Hospital (2) | Neuro_Studies (1) | Hsiung (1) | COMPASS_PHANTOM (5) 17:37.0 | PD_T2_AXIAL 05:24.0

INFO PAGE	
Total scan duration	05:24.0
Rel. signal level (%)	100
Grad sign (+1/-1):	1
Act. TR (ms)	3000
Act. TE (ms)	13/100
ACQ matrix M x P	256 x 254
ACQ voxel MPS (mm)	0.94 / 0.94 / 3.00
REC voxel MPS (mm)	0.94 / 0.94 / 3.00
Scan percentage (%)	99.23664
Packages	4
Min. slice gap (mm)	0
Optimal slices	13
Max. slices	52
WFS (pix) / BW (Hz)	2.059 / 211.0
TSE es / shot (ms)	12.5 / 125
TEeff / TEequiv (ms)	100 / 100
Min. TR (ms)	2599
SAR / head	< 87 %
Whole body / level	< 0.2 W/kg / normal
B1 rms	2.17 uT
PNS / level	49 % / normal
Sound Pressure Level (dB)	9.207782
MOTION	
Cardiac synchronization	no
Heart rate > 250 bpm	no
Respiratory compensation	no
Navigator respiratory comp	no
Flow compensation	no
Temporal slice spacing	default
Force Grad sign -1	no
Motion smoothing	no
NSA	1
DYN/ANG	
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

GEOMETRY	
*MOREECHOES enable	no
*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
Nucleus	H1
Coil selection	SENSE-Head-8
element selection	SENSE
connection	d
Dual coil	no
CLEAR	yes
body tuned	no
FOV AP (mm)	240
RL (mm)	240
FH (mm)	144
Voxel size AP (mm)	0.94
RL (mm)	0.94
Slice thickness (mm)	3
Recon voxel size (mm)	0.9375
Small FOV imaging	no
Fold-over suppression	no
Reconstruction matrix	256
SENSE	yes
P reduction (RL)	2
P os factor	1
k-t BLAST	no
Stacks	1
type	parallel
slices	48
slice gap	user defined
gap (mm)	0
slice orientation	transverse
fold-over direction	RL
fat shift direction	P
Minimum number of packages	1
Slice scan order	default
PlanAlign	no
REST slabs	0
Interactive positioning	no
Allow table movement	no
OFFC/ANG	
Stacks	1
Stack Offc. AP (P=+mm)	-12.37182
RL (L=+mm)	5.43412
FH (H=+mm)	2.971172
Ang. AP (deg)	0
RL (deg)	0
FH (deg)	0

CONTRAST	
Scan type	Imaging
Scan mode	MS
technique	SE
Modified SE	no
Acquisition mode	cartesian
Fast Imaging mode	TSE
shot mode	multishot
TSE factor	10
startup echoes	0
profile orders	default
DRIVE	no
ultrashort	no
strong FID crushing	no
Echoes	2
partial echo	no
TE first	shortest
second (ms)	100
Flip angle (deg)	90
Refocusing control	no
TR	user defined
(ms)	3000
Halfscan	no
Water-fat shift	maximum
Shim	default
Fat suppression	no
Water suppression	no
Grad. rev. offres. supp.	no
BB pulse	no
MTC	no
Research prepulse	no
Zoom imaging	no
Diffusion mode	no
gradient duty cycle model	yes
FFE Elasto Mode	no
SAR mode	high
B1 mode	default
SAR Patient data	auto
PNS mode	low
Gradient mode	default
SofTone mode	no

Hospital (2) | Neuro_Studies (1) | Hsiung (1) | COMPASS_PHANTOM (5) 17:37.0 | rFMRI 03:37.3

INFO PAGE	
Total scan duration	03:37.3
Rel. signal level (%)	100
Grad sign (+1/-1):	1
Act. TR/TE (ms)	2110 / 30
Dyn. scan time	00:02.1
Time to k0	00:01.0
ACQ matrix M x P	64 x 64
ACQ voxel MPS (mm)	3.50 / 3.50 / 3.50
REC voxel MPS (mm)	3.50 / 3.50 / 3.50
Scan percentage (%)	100
Packages	1
Min. slice gap (mm)	0
EPI factor	35
Act. WFS (pix) / BW (Hz)	8.941 / 48.6
BW in EPI freq. dir. (Hz)	2370.6
Min. WFS (pix) / Max. BW (Hz)	6.029 / 72.1
Min. TR/TE (ms)	2037 / 8.1
SAR / head	< 32 %
Whole body / level	< 0.1 W/kg / normal
B1 rms	1.32 uT
PNS / level	99 % / 1st level
Sound Pressure Level (dB)	18.9413
MOTION	
Cardiac synchronization	no
Heart rate > 250 bpm	no
Respiratory compensation	no
Navigator respiratory comp	no
Flow compensation	no
Temporal slice spacing	default
Force Grad sign -1	no
fMRI echo stabilisation	no
NSA	1
DYN/ANG	
Angio / Contrast enh.	no
Quantitative flow	no
Manual start	yes
Dynamic study	individual
dyn scans	100
recon multiplier	1
dyn scan times	shortest
FOV time mode	default
dummy scans	1
immediate subtraction	no
fast next scan	no
synch. ext. device	no
dyn stabilization	no
prospect. motion corr.	yes
Keyhole	no
Arterial Spin labeling	no
POST/PROC	
Preparation phases	full
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
EPI 2D phase correction	no
Preset window contrast	soft
Reconstruction mode	real time
reuse memory	yes
Save raw data	no
Hardcopy protocol	no
Ringing filtering	default
Geometry correction	default

GEOMETRY	
*MOREECHOES enable	no
*MOREECHOES int array	0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0
Nucleus	H1
Coil selection	SENSE-Head-8
element selection	SENSE
connection	d
Dual coil	no
CLEAR	yes
body tuned	no
FOV RL (mm)	224
AP (mm)	224
FH (mm)	140
Voxel size RL (mm)	3.5
AP (mm)	3.5
Slice thickness (mm)	3.5
Recon voxel size (mm)	3.5
Fold-over suppression	no
Reconstruction matrix	64
SENSE	yes
P reduction (AP)	2
P os factor	1
k-t BLAST	no
Stacks	1
type	parallel
slices	40
slice gap	user defined
gap (mm)	0
slice orientation	transverse
fold-over direction	AP
fat shift direction	P
Minimum number of packages	1
Slice scan order	ascend
PlanAlign	no
REST slabs	0
Interactive positioning	no
Allow table movement	no
OFFC/ANG	
Stacks	1
Stack Offc. AP (P=+mm)	-12.37182
RL (L=+mm)	5.43412
FH (H=+mm)	2.971172
Ang. AP (deg)	0
RL (deg)	0
FH (deg)	0

CONTRAST	
Scan type	Imaging
Scan mode	MS
technique	FFE
Contrast enhancement	no
Acquisition mode	cartesian
Fast Imaging mode	EPI
shot mode	single-shot
Echoes	1
partial echo	no
shifted echo	no
TE	user defined
(ms)	30
Flip angle (deg)	70
TR	user defined
(ms)	2110
Halfscan	no
Water-fat shift	user defined
(pixels)	8.94
Shim	auto
Fat suppression	SPIR
strength	strong
frequency offset	default
Water suppression	no
MTC	no
Research prepulse	no
Diffusion mode	no
gradient duty cycle model	yes
FFE Elasto Mode	no
SAR mode	high
B1 mode	default
SAR Patient data	auto
PNS mode	high
Gradient mode	maximum
SofTone mode	no