InBox (1) spine_generic_philips_R5.		GEOMETE		CONTRAST	
Total scan duration	00:33.8	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR/TE (ms)	9.3 / 5.4	FOV RL (mm)	300	technique	FFE
ACQ matrix M x P	240 x 200	FH (mm)	300	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.25 / 1.50 /	stack AP (mm)	32	Acquisition mode	cartesian
ACQ VOXEI MP3 (IIIII)	10.0		1.25		TFE
REC voxel MPS (mm)	0.94 / 0.94 /	ACQ voxel size RL (mm)		Fast Imaging mode	
NEC TOXELL II O (IIIII)	10.0	FH (mm)	1.5	shot mode	single-sho
Scan percentage (%)	83.33334	Slice thickness (mm)	10	TFE startup echoes	default
Packages	3	Recon voxel size RL (mm)	0.9375	profile order	linear
Min. slice gap (mm)	0	FH (mm)	0.9375	Echoes	1
TFE factor	400	Fold-over suppression	oversampling	partial echo	no
TFE dur. shot / acq (ms)	3752.2 / 3715.1	H (mm)	150	shifted echo	no
Act. WFS (pix) / BW (Hz)	0.817 / 531.5			TE	shortest
Min. WFS (pix) / Max.	0.817 / 531.5	F (mm)	150	Flip angle (deg)	20
BW (Hz)	0.017 / 331.3	Reconstruction matrix	320	TR	shortest
Local torso SAR	< 6 %	SENSE	no	Halfscan	no
Whole body SAR / level	< 0.2 W/kg /	k-t BLAST	no	Water-fat shift	minimum
Whole body SART / level	normal	Stacks	3	RF Shims	fixed
SED	0.0 kJ/kg	current	Α	Shim	default
Coil Power	5 %	type	parallel	mDIXON	no
Max B1+rms	0.55 uT	slices	3	Fat suppression	no
PNS / level	10 % / normal	slice gap	user defined	Water suppression	no
		gap (mm)	1		
dB/dt	15.4 T/s	slice orientation	coronal	TFE prepulse	no
Sound Pressure Level	-0.8140956	fold-over direction	FH	MTC	no
()	1.64124			T2prep	no
Boil-off (hPa/h)	1.64134	fat shift direction	L	Research prepulse	no
Max Boil-off (hPa/h)	1.646055	Stacks as packages	yes	MDME	no
Boil-off (hPa)	0.01539666	Minimum number of	1	Diffusion mode	no
MOTION	ı	packages		T1 mapping	no
Cardiac synchronization	no	Slice scan order	default	Transmit channels	both
Heart rate > 250 bpm	no	Stack scan order	ascend	SAR mode	low
Respiratory	no	Move table per stack	no	B1 mode	default
compensation		Stack alignment	no	SAR allow first level	yes
Navigator respiratory	no	Stack sort order	no	PNS mode	low
comp		PlanAlign	yes		
Flow compensation	no	REST slabs	0	Gradient mode	regular
Temporal slice spacing	default	Catheter tracking	no	SofTone mode	yes
fMRI echo stabilisation	no	Interactive positioning	no	1	
Motion smoothing	no	Allow table movement	no	•	
NSA	1	OFFC/AN		-	
MRE enable	no				
		Stacks	3		
DYN/AN		current	Α		
Angio / Contrast enh.	no	Stack Offc. AP	0		
Quantitative flow	no	(P=+mm)			
Manual start	no	RL (L=+mm)	0		
Dynamic study	no	FH (H=+mm)	0		
Arterial Spin labeling	no	Ang. AP (deg)	0		
POST/PRO	ос	RL (deg)	0		
Preparation phases	auto	FH (deg)	0		
Interactive F0	no	Free rotatable	no	1	
SmartPlan survey	no			-	
	no				
B0 field map					
B1 field map	no				
MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image	М				
Calculated images	no, no, no, no				
Reference tissue	Skeletal muscle				
Recon compression	No				
Preset window contrast	hard				
Reconstruction mode	real time				
Save raw data	no				
Hardcopy protocol	no				
Image filter	system default				
Uniformity correction	no				

INFO PAGE		3_2020_09_29 (7) 25:06.7 GEOMETE	·	CONTRAST	
Total scan duration	04:22.0	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	3D
Act. TR/TE (ms)	7.8 / 3.5	FOV FH (mm)	320	technique	FFE
ACQ matrix M x P	320 x 260	AP (mm)	260	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.00 / 1.00 /	RL (mm)	192	Acquisition mode	cartesian
REC voxel MPS (mm)	1.00 / 1.00 /	ACQ voxel size FH (mm)	1	Fast Imaging mode	TFE
REC VOXEI MPS (MIII)	1.00 / 1.00 /	AP (mm)	1	3D non-selective	no
Scan percentage (%)	100	RL (mm)	1	shot mode	multishot
Act. slice gap (mm)	0	Recon voxel size FH (mm)	1	TFE factor	246
TFE shots	130	AP (mm)	1	3D free factor	no
TFE dur. shot / acq (ms)	1968.1 / 1912.0	RL (mm)	1	startup echoes	default
Min. TI delay	996.3246	Fold-over suppression	no	shot interval	user defined
Act. WFS (pix) / BW (Hz)	2.268 / 191.5	Slice oversampling	default	(ms) profile order	2000 linear
Min. WFS (pix) / Max.	0.456 / 952.7	RF select. FOS	no	turbo direction	Z
BW (Hz)		ENCASE enable	no	Echoes	1
Local torso SAR	< 16 %	Reconstruction matrix	320	partial echo	no
Whole body SAR / level	< 0.5 W/kg / normal	SENSE	yes	shifted echo	no
SED	< 0.1 kJ/kg	P reduction (AP)	2	TE	shortest
Coil Power	15 %	S reduction (RL)	1	Flip angle (deg)	9
Max B1+rms	0.91 uT	k-t BLAST	no	TR	shortest
PNS / level	74 % / normal	Stacks	1	Halfscan	no
dB/dt	117.8 T/s	slices	192	Water-fat shift	maximum
Sound Pressure Level	15.06801	slice orientation	sagittal	RF Shims	fixed
(dB)		fold-over direction	AP	Shim	auto
Boil-off (hPa/h)	7.042519	fat shift direction	F	mDIXON	no
Max Boil-off (hPa/h)	7.34327	Multi-chunk	no	Fat suppression	no
Boil-off (hPa)	0.5124765	PlanAlign	no	Water suppression	no
CONFLICT	s	REST slabs	0	TFE prepulse	invert
AP (mm)	260	Catheter tracking	no	slice selection	no
ACQ voxel size FH (mm)	1	Interactive positioning	no	delay	user defined
AP (mm)	1	Allow table movement	no	(ms)	1000
Recon voxel size FH (mm)	1	OFFC/AN		PSIR	no
AP (mm)	1	Stacks	1 1 0 5 0 0 0 7	MTC	no
Reconstruction matrix	320	Stack Offc. AP (P=+mm)	4.959927	T2prep	no
slices	192	RL (L=+mm)	3.967938	Research prepulse	no
MOTION		FH (H=+mm)	47.61523	MDME	no
Cardiac synchronization	no	Ang. AP (deg)	-2.273305	Diffusion mode	no no
Heart rate > 250 bpm	no	RL (deg)	0	T1 mapping Transmit channels	both
Respiratory	no	FH (deg)	0	SAR mode	high
compensation		Free rotatable	no	B1 mode	default
Navigator respiratory	no			SAR allow first level	yes
comp				PNS mode	moderate
Flow compensation	no			Gradient mode	maximum
fMRI echo stabilisation	no			SofTone mode	no
Motion smoothing	no 1				
NSA MRE applie	1				
MRE enable	no				
Angio / Contrast enh.					
Quantitative flow	no no				
CENTRA	no				
Manual start	no				
Dynamic study	no				
- ,					
Arterial Spin Jaheling	no				
	no				
POST/PRO	С				
POST/PRO Preparation phases	auto				
POST/PRO Preparation phases Interactive F0	auto no				
Preparation phases Interactive F0 SmartPlan survey	auto no no				
POST/PRO Preparation phases Interactive F0 SmartPlan survey B0 field map	auto no no no				
Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map	auto no no no no				
POST/PRO Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR	auto no no no no no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIP Images	auto no no no no no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/NPR SWIp Images Autoview image	auto no M, no, no, no, no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIP Images	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue	auto no no no no no no no M, no, no, no M no, no, no, no White matter				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/NPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast	auto no no no no no no M, no, no, no M no, no, no, no White matter No soft				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	auto no no no no no no M, no, no, no M no, no, no, no White matter No soft immediate				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol Image filter	auto no				
POST/PRC Preparation phases Interactive F0 SmartPlan survey B0 field map B1 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol	auto no				

InBox (1) Spine_generic_philips_R5		3_2020_09_29 (7) 25:06.7 🖵 T2w 05:11.8				
Total scan duration	O5:11.5	Nucleus GEOMETE	H1	CONTRA	Imaging	
Rel. SNR	1		CLEAR	Scan type	3D	
Act. TR (ms)	3500	Uniformity FOV FH (mm)	256	Scan mode technique	SE	
Act. TE (ms)	120	AP (mm)	236.8	Modified SE	no	
ACQ matrix M x P	320 x 294	RL (mm)	50.4	Acquisition mode	cartesian	
ACQ voxel MPS (mm)	0.80 / 0.81 /	ACQ voxel size FH (mm)	0.8	Fast Imaging mode	TSE	
	0.80	AP (mm)	0.7996281	3D VIEW	no	
REC voxel MPS (mm)	0.80 / 0.80 /	RL (mm)	0.8	shot mode	multishot	
C	0.80 99.32433	Recon voxel size FH	0.8	TSE factor	92	
Scan percentage (%) Act. slice gap (mm)	0	(mm)		3D free factor	no	
WFS (pix) / BW (Hz)	1.056 / 411.2	AP (mm)	0.8	startup echoes	0	
TSE es / shot (ms)	6.2 / 578	RL (mm)	0.8	profile order	linear	
Min. TR (ms)	1733	Fold-over suppression	no	turbo direction	Υ	
Act. half scan factor	0.6278125	Slice oversampling RF select. FOS	default no	DRIVE	yes	
Local torso SAR	< 50 %	Reconstruction matrix	320	ultrashort	yes	
Whole body SAR / level	< 1.6 W/kg /	SENSE	ves	shift	0	
	normal	P reduction (AP)	2	fid reduction 3D non-selective	default	
SED	< 0.5 kJ/kg	S reduction (RL)	1.5		yes	
Coil Power	47 %	k-t BLAST	no	Echoes partial acho	no	
Max B1+rms	1.61 uT	Stacks	1	partial echo	user defined	
PNS / level	68 % / normal	slices	63	(ms)	120	
dB/dt	102.5 T/s	slice orientation	sagittal	Flip angle (deg)	90	
Sound Pressure Level (dB)	21.71582	fold-over direction	AP	Refocusing control	no	
Boil-off (hPa/h)	0.8835939	fat shift direction	F	TR	user defined	
Max Boil-off (hPa/h)	5.318677	Multi-chunk	no	(ms)	3500	
Boil-off (hPa)	0.07645541	O-MAR	no	Halfscan	default	
MOTIO		PlanAlign	no	Water-fat shift	maximum	
Cardiac synchronization	no	REST slabs	0	RF Shims	fixed	
Heart rate > 250 bpm	no	Catheter tracking	no	Shim	default	
Respiratory	no	Interactive positioning	no	mDIXON	no	
compensation		Allow table movement	no	Fat suppression	no	
Navigator respiratory	no	OFFC/AN	G	Grad Rev Fat suppr	no	
comp		Stacks	1	Water suppression	no	
Flow compensation	no	Stack Offc. AP (P=+mm)	4.959927	BB pulse	no	
Motion smoothing NSA	no 1	RL (L=+mm)	3.967938	MTC	no	
MRE enable	no	FH (H=+mm)	47.61523	Research prepulse	no	
DYN/AN	<u> </u>	Ang. AP (deg)	-2.273305	MDME	no	
CENTRA	Ino	RL (deg)	0	Zoom imaging	no	
Manual start	no	FH (deg)	0	Diffusion mode	no	
Dynamic study	no	Free rotatable	no	T1 mapping	no hath	
Arterial Spin labeling	no			Transmit channels SAR mode	both high	
POST/PR	1 -			B1 mode	default	
Preparation phases	Tauto	•		SAR allow first level	yes	
Interactive F0	no	•		PNS mode	moderate	
		4		Gradient mode	maximum	
SmartPlan survev						
SmartPlan survey B0 field map	no no				no	
B0 field map	no			SofTone mode		
	no no					
B0 field map B1 field map	no no no					
B0 field map B1 field map MIP/MPR	no no no no					
B0 field map B1 field map MIP/MPR Images	no no no no M, no, no, no					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue	no no no no M, no, no, no					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images	no no no no M, no, no, no M no, no, no, no Grey matter No					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue	no no no no M, no, no, no M on, no, no, no M ono, no, no, no Grey matter No soft					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode	no no no no M, no, no, no M no, no, no, no Grey matter No					
B0 field map B1 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	no no no M, no, no, no M no, no, no, no Grey matter No soft real time no					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol	no no no no M, no, no, no M no, no, no, no ferey matter No soft real time no no					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol Image filter	no no no no M, no, no, no M no, no, no, no Grey matter No soft real time no no no weak					
B0 field map B1 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol Image filter Uniformity correction	no no no M, no, no, no M no, no, no, no Grey matter No soft real time no no weak no					
B0 field map B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol Image filter	no no no no M, no, no, no M no, no, no, no Grey matter No soft real time no no no weak					

INFO PAG		GEOMETE		CONTRA	
Total scan duration	05:34.1	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR (ms)	3429	FOV RL (mm)	56	technique	SE
Act. TE (ms)	70	AP (mm)	42	Modified SE	no
ACQ matrix M x P	64 x 47	FH (mm)	75	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.88 / 0.89 / 5.00	ACQ voxel size RL (mm)	0.875	Fast Imaging mode	EPI
REC voxel MPS (mm)	0.88 / 0.88 /	AP (mm) Slice thickness (mm)	0.88	shot mode Echoes	single-sh
, ,	5.00	Recon voxel size RL	0.875	partial echo	no
Scan percentage (%)	97.91666	(mm)	0.073	TE partial ecrio	shortest
Packages	2	AP (mm)	0.875	Flip angle (deg)	90
Min. slice gap (mm)	0	Fold-over suppression	zoom	TR (beats)	4
Optimal slices	8	Reconstruction matrix	64	Halfscan	yes
Max. slices	16	SENSE	no	factor	0.74509
Diffusion gradient timing	34.5 / 13.7	MB SENSE	no	Water-fat shift	minimun
DELTA / delta (ms)	47	k-t BLAST	no	RF Shims	fixed
EPI factor Entered heartrate	70 (< 78)	Stacks	1	Shim	PB-volun
Trigger delay max. / act.	70 (< 78)	type	parallel	ShimAlign	no
(ms)	//1.4 / 111.2	slices	15	mDIXON	no
WFS (pix) / BW (Hz)	23.594 / 18.4	slice gap	user defined	Fat suppression	SPIR
BW in EPI freq. dir. (Hz)	1505.5	gap (mm)	0	strength	strong
SPIR offset act./default	220 [220]	slice orientation	transverse	frequency offset	user def
(Hz)		fold-over direction	AP	offset (Hz)	220
Local torso SAR	< 87 %	fat shift direction	P	Grad Rev Fat suppr	no
Whole body SAR / level	< 2.8 W/kg /	Minimum number of	2	Water suppression	no
CED	1st level	packages Clica scap order	intories	BB pulse	no
SED Coll Downs	< 0.9 kJ/kg	Slice scan order	interleaved	MTC	no
Coil Power	83 %	PlanAlign REST slabs	no 0	Research prepulse	no
Max B1+rms PNS / level	2.13 uT	Catheter tracking	no	- MDME	no
dB/dt	80 % / normal 43.4 T/s	Interactive positioning	no	Diffusion mode	DTI
Sound Pressure Level	14.34447	Allow table movement	no	- sequence	SE
(dB)	14.34447	OFFC/AN		gradient duration	maximur
Boil-off (hPa/h)	14.94871	Stacks		gradient overplus	no
Max Boil-off (hPa/h)	20.02934	Stack Offc. AP	1 4.959927	directional	opt 32
Boil-off (hPa)	1.387528	(P=+mm)	4.939927	resolution	_
MOTION	1	RL (L=+mm)	3.967938	nr of b-factors	2
Cardiac synchronization	trigger	FH (H=+mm)	47.61523	b-factor order max b-factor	ascendin 800
device	PPU	Ang. AP (deg)	-2.273305	average high b	user defi
R-R window (%)	10, 20	RL (deg)	0	b-factor averages	(0) 5, (8
Number of heart	single phase	FH (deg)	0	b-lactor averages	(0) 3, (0
phases		Free rotatable	no		,,,,,,,
arrhythmia	no	Shim Size AP (mm)	49.5138	l 	,,,,
rejection	1	RL (mm)	63.25952	T1 mapping	no
no trig period (beats)	1	FH (mm)	95	Transmit channels	both
trigger delay	shortest	Offc. AP (P=+mm)	3.729211	SAR mode	high
adaptive	no	RL (L=+mm)	5.026229	B1 mode SAR allow first level	default
cycled MS	no	FH (H=+mm)	47.48476	PNS mode	yes moderati
Heart rate > 250 bpm	no	Ang. AP (deg)	-2.272193	Gradient mode	enhance
Slice following	no	RL (deg)	0.1920719	SofTone mode	no
REST grid	no	FH (deg)	0.007537305	Sol Tolic Mode	1110
Respiratory	no				
compensation					
Navigator respiratory	no				
comp Flow compensation	no				
Temporal slice spacing	minimal				
NSA	1				
MRE enable	no				
DYN/AN					
Manual start	no				
Dynamic study	no				
dyn stabilization	regular				
Arterial Spin labeling	no				
POST/PRO					
Preparation phases	full				
Interactive F0	no				
SmartPlan survey B0 field map	no				
pu deld man	no				
	no				
B1 field map					
B1 field map MIP/MPR	no				
B1 field map MIP/MPR Images	no M, no, no, no				
B1 field map MIP/MPR Images Autoview image	no M, no, no, no M				
B1 field map MIP/MPR Images Autoview image Calculated images	no M, no, no, no M no, no, no, no				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue	no M, no, no, no M no, no, no, no Grey matter				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression	no M, no, no, no M no, no, no, no Grey matter No				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast	no M, no, no, no M no, no, no, no Grey matter No soft				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode	no M, no, no, no M no, no, no, no Grey matter No soft immediate				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	no M, no, no, no M no, no, no, no Grey matter No soft immediate no				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol	no M, no, no, no M no, no, no, no Grey matter No soft immediate no no				
B1 field map MIP/MPR Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	no M, no, no, no M no, no, no, no Grey matter No soft immediate no				

Total scan duration 0.4-20.4 Rel. SNR 1	AGE GEOMETRY CONTRAST	г
Red. SNR		Imaging
Act. TRIFE (ms)		3D
Dyn. scan time		FFE
Time to b0		
ACQ word MPS (mm) 0.99 / 0.90 /		zy_order
ACQ voxel MPS (mm) 0.99 (0.90 / 1 5.00 5.00 5.00 5.00 5.00 6.00		T1
Scan percentage (%) 100		cartesian
REC voxel MPS (mm) 0.90 / 0.90 / 5.00 5.00		none
Scan percentage (%) 100	TIT (IIIII)	no
March Color Colo	Recoil Voxel Size RE 0.050 1575 Ections	1
Act. WFS (pix) / Max (pix) / M	(IIIII) partial echo	yes
Act. WFS (psy) / BW (Hz) 1.663 / 261.1 Min. WFS (psy) / Max. With (Hz) Min. TRTE (ms)	100 AP (mm) 0.8984375 shifted echo	no
Max	0 FH (mm) 5 TE	user define
Min. NFS (pix) / Max.	7) 1 663 / 261 1	2
Note	0.507 / 856.6	9
Min. TRIFE (mis) \$1.1.54 Coal torso SAR \$< 90 % Mole body SAR / level \$1 stevel \$2.9 W/kg / 1 stevel \$2.0 k kJ/kg \$2.10 mm atrix \$256 \$2.2 mm atrix \$2.5 mm atrix	Tip digic (deg)	
Local torso SAR	51 / 1.54 PF colort FOC	user define
Note body SAR / level Stevel SED	< 90 % (IIIS)	57
SED	< 2.9 W/kg / Tidliscan	no
Preduction (AP) 2.1 Special content	1st level Reconstruction matrix 256 Water-fat shift	user define
Preduction (AP) 2.1 Stakes Stakes 1 Stakes Stakes 1 Stakes 1 Stakes 1 Stakes 1 Stakes 1 Stakes Stakes 1 Stakes Stakes 1 Stakes Stakes 1 Stakes Sta	< 0.8 kJ/kg SENSE yes (pixels)	1.66
Max B1+ms	86 % P reduction (AP) 2.1 RF Shims f	fixed
Ref Section Section Ref Section Ref	Conduction (FII)	PB-volume
Stacks 1	Z.17 UI	no
Sound Pressure Level (15.59372 (15.5	ST 70 / HOITIGH	
Source 19.3932 Silice orientation transverse Fall suppression Fall suppressio	05.0 1/5	no
Boil-off (hPa/h) 1.295321 fold-over direction AP MTC Research preprint Max Boil-off (hPa/h) 1.295321 fat shift direction AP MTC Research preprint MTC MT	15.59372 Fat suppression	no
Max Boil-off (hPa/h) 0.09368623 Multi-chunk no Planalign no Cardiac synchronization no Respiratory no Cardiac synchronization no Respiratory no Cardiac synchronization no Respiratory no Catheter tracking no Interactive positioning no Respiratory no Catheter tracking no Interactive positioning no Milvi-chunk no Planalign no Diffusion mode Time and the positioning no Respiratory no Milvi-chunk no Prec/ANG Stacks 1 Image mo Time applied Transmit chain SAR mode amplitude SAR allow first Stack offic. AP 4,959927 (Pe+mm) 47.61523 Ang. AP (deg) -2.273305 Rt. (deg) 0 PH (deg) PH (valei suppression	no
Boil-off (IPa) 0.09368623 Multi-chunk no MOTTON PlanAlign no Allow table movement no PlanAlign no Allow table movement no Presentation no Presenturion no Presenturi	inic i	off resonar
Mortion Mortion Planalign no P	Research prepulse	no
MOTION Cardiac synchronization no REST slabs 0 Til mapping Transmit cham SAR mode Til mapping Tran	a consessor Maliferial III	no
Cardiac synchronization no REST slabs 0 T1 mapping Heart rate > 250 bpm no Catheter tracking no Transmit chant Respiratory compensation no Allow table movement no SAR mode Navigator respiratory comp no OFFC/ANC SAR mode Flow compensation yes MRE cho stabilisation 1 Allow table movement no SAR mode MRE enable no HCL=+mm 3.967938 HCL=+mm SAR allow first MRE enable no RL (L=+mm) 47.61523 Ang. AP (deg) -2.273305 RR L(deg) 0 FR (deg) 0 Soff one mode Soff one mode </td <td>Di Ali</td> <td>no</td>	Di Ali	no
Catheter tracking no	DECT siebe	
Interactive positioning no Allow table movement no SAR mode SAR salow S	Ti mapping	no
Allow table movement no OFFC/ANG Sacks 1 1 Stack Offc. AP 4.959227 (P=+mm) 3.967938 FH (H=+mm) 47.61523 Ang. AP (deg) -2.273305 RL (deg) 0 FF (Total still a solition in a	both
Navigator respiratory Componentation Componentation Componentation Componentation PRIA (Pe+mm) OFFC/ANG amplitude SAR allow first PRIA (BAR	SAK Mode	high
Stack 1 Stac	DI IIIOGE	user define
Stacks 1	no OFFC/ANG amplitude (uT)	9.5
How compensation Yes MRI echo stabilisation no NSA	Stacks 1 SAR allow first level	yes
MRI echo stabilisation no NSA	ves	moderate
NSA	no (P=+mm)	maximum
MRE enable	DI (I = +mm) 3 067039	
DYN/ANG Angio / Contrast enh. no Quantitative flow no RL (deg) 0 Manual start no FH (deg) 0 Dynamic study individual Free rotatable no dyn scans 2 RL (mm) 63.25952 fov time mode default G5.25952 FH (mm) 95 fov time mode default G6.229 FH (mm) 95 for time mode default G7.272138 RL (mm) 5.02629 fill mediate no HR (L=+mm) 3.729211 RL (L=+mm) 5.02629 fill (H=+mm) 47.48476 Ang. AP (deg) 0.1920719 RL (deg) 0.1920719 fill (H=+mm) 47.48476 Ang. AP (deg) 0.1920719 RH (deg) 0.007537305 POST/PROC Preparation phases full Interactive F0 no No No SMTP no M No No No MIP/MPR no No <td></td> <td>no</td>		no
Angio / Contrast enh. no Quantitative flow no Manual start no Dynamic study individual dyn scans 2 dyn scan times shortest fov time mode default dummy scans 0 fov time mode default dummy scans 0 for time mode default dummy scans 0 fast next scan no synch. ext. device no MTC yes dyn stabilization no prospect. motion no forepresent motion no prospect. motion no <		
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Dynamic study	no FH (deg) 0	
Advisor	no Free rotatable no	
Ang. AP (deg) -2.272193	individual Shim Size AP (mm) 49.5138	
Section Shortest Shortest FH (mm) 95 Offic. AP (P=+mm) 3.729211 RL (L=+mm) 5.026229 FH (H=+mm) 5.026229 FH (H=+mm) 5.026229 FH (H=+mm) 5.026229 FH (H=+mm) 47.48476 Ang. AP (deg) -2.272193 RL (deg) 0.1920719 FH (deg) 0.1920719 FH (deg) 0.007537305	2 RL (mm) 63,25952	
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reuse memory no Save raw data no Hardcopy protocol no	soft	
reuse memory no Save raw data no Hardcopy protocol no		
Save raw data no Hardcopy protocol no		
Hardcopy protocol no		
Image filter weak	weak	
Uniformity correction no	no	
Geometry correction default	default	

INFO PAGE		GEOMETR	RY	CONTRAST		
Total scan duration	00:34.3	Nucleus	H1	Scan type	Imaging	
Rel. SNR	1	Uniformity	CLEAR	Scan mode	3D	
Act. TR/TE (ms)	15 / 2.0	FOV RL (mm)	230	technique	FFE	
ACQ matrix M x P	256 x 255	AP (mm)	230	loop order	zy_order	
ACQ voxel MPS (mm)	0.90 / 0.90 /	FH (mm)	110	Contrast enhancement	T1	
	5.00	ACQ voxel size RL (mm)	0.9	Acquisition mode	cartesian	
REC voxel MPS (mm)	0.90 / 0.90 / 5.00	AP (mm)	0.8988745	Fast Imaging mode	none	
Scan percentage (%)	100	FH (mm)	5	3D non-selective	no	
Act. slice gap (mm)	0	Recon voxel size RL	0.8984375	Echoes	1	
Act. WFS (pix) / BW (Hz)	1.663 / 261.1	(mm)		partial echo	yes	
Min. WFS (pix) / Max.	0.507 / 856.6	AP (mm)	0.8984375	shifted echo	no	
BW (Hz)	0.507 / 050.0	FH (mm)	5	TE	user defined	
Min. TR/TE (ms)	5.1 / 1.59	Fold-over suppression	no	(ms)	2	
Local torso SAR	< 11 %	Slice oversampling	user defined	Flip angle (deg)	15	
Whole body SAR / level	< 0.3 W/kg /	oversample factor	1.15	TR	user defined	
, ,	normal	RF select. FOS	no	(ms)	15	
SED	0.0 kJ/kg	ENCASE enable	no	Halfscan	no	
Coil Power	10 %	Reconstruction matrix	256	Water-fat shift	user defined	
Max B1+rms	0.75 uT	SENSE	yes	(pixels)	1.66	
PNS / level	52 % / normal	P reduction (AP)	2.1	RF Shims	fixed	
dB/dt	77.5 T/s	S reduction (FH)	1	Shim	PB-volume	
Sound Pressure Level	15.97592	k-t BLAST	no	ShimAlign	no	
(dB)		Stacks	1	mDIXON	no	
Boil-off (hPa/h)	2.246981	slices	22	Fat suppression	no	
Max Boil-off (hPa/h)	2.246981	slice orientation	transverse	Water suppression	no	
Boil-off (hPa)	0.02140249	fold-over direction	AP	MTC	no	
MOTION	1	fat shift direction	L	Research prepulse	no	
Cardiac synchronization	no	Multi-chunk	no	MDME	no	
Heart rate > 250 bpm	no	PlanAlign	no	Diffusion mode	no	
Respiratory	no	REST slabs	0	T1 mapping	no	
compensation		Catheter tracking	no	Transmit channels	both	
Navigator respiratory	no	Interactive positioning	no	SAR mode	high	
comp Flow compensation	woo	Allow table movement	no	B1 mode	user defined	
fMRI echo stabilisation	yes no	- OFFC/AN	G	amplitude (uT)	9.5	
NSA	1	Stacks	1	SAR allow first level	yes	
MRE enable	no	Stack Offc. AP	4.959927	PNS mode	moderate	
DYN/AN	1	(P=+mm)		Gradient mode	maximum	
•		RL (L=+mm)	3.967938	SofTone mode	no	
Angio / Contrast enh.	no	FH (H=+mm)	47.61523	-		
Quantitative flow	no	Ang. AP (deg)	-2.273305	-		
Manual start	no	RL (deg)	0	-		
Dynamic study	no	FH (deg)	0	-		
Arterial Spin labeling	no	Free rotatable	no	-		
POST/PRO		Shim Size AP (mm)	49.5138	_		
Preparation phases	auto	RL (mm)	63.25952	_		
Interactive F0	no	FH (mm)	95	_		
SmartPlan survey	no	Offc. AP (P=+mm)	3.729211	_		
B0 field map	no	RL (L=+mm)	5.026229			
B1 field map	no	FH (H=+mm)	47.48476	_		
MIP/MPR	no	Ang. AP (deg)	-2.272193	_		
SWIp	no	RL (deg)	0.1920719			
Images	M, no, no, no	FH (deg)	0.007537305			
Autoview image	М					
Calculated images	no, no, no, no					
Reference tissue	Grey matter					
Recon compression	No	_				
Preset window contrast	soft					
Reconstruction mode	real time					
Save raw data	no					
Hardcopy protocol	no	1				
Image filter	weak	1				
Uniformity correction	no	1				
Geometry correction	default					

INFO PAGE		3_2020_09_29 (7) 25:06.7 GEOMETE	·	CONTRA	ST
Total scan duration	04:30.6	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR/TE1/delta TE	600 / 7.2 / 6.5	FOV RL (mm)	224	technique	FFE
(ms)		AP (mm)	224	Contrast enhancement	no
ACQ matrix M x P	448 x 448	FH (mm)	75	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.50 / 0.50 /	ACQ voxel size RL (mm)	0.5	Fast Imaging mode	none
REC voxel MPS (mm)	5.00 0.50 / 0.50 /	AP (mm)	0.5	Echoes	3
REC VOXELPIPS (IIIII)	5.00	Slice thickness (mm)	5	partial echo	no
Scan percentage (%)	100	Recon voxel size RL	0.5	shifted echo	no
Packages	1	(mm)	0.5	TE first	user defined
Min. slice gap (mm)	0	AP (mm) Fold-over suppression	no	. (ms)	7.2
Act. WFS (pix) / BW (Hz)	1.704 / 254.8	Reconstruction matrix	448	echospacing	user defined
Min. WFS (pix) / Max.	0.911 / 476.9	SENSE	yes	(ms)	6.5
BW (Hz)	455 (6.4 (6.4	P reduction (AP)	2	flyback	yes
Min. TR/TE1/delta TE (ms)	455 / 6.1 / 6.4	k-t BLAST	no	Flip angle (deg) TR	30
Local torso SAR	< 63 %	Stacks	1	(ms)	user defined 600
Whole body SAR / level	< 2.0 W/kg /	type	parallel	Halfscan	no
, ,	normal	slices	15	Water-fat shift	user defined
SED	< 0.6 kJ/kg	slice gap	user defined	(pixels)	1.7
Coil Power	61 %	gap (mm)	0	RF Shims	fixed
Max B1+rms	1.82 uT	slice orientation	transverse	Shim	PB-volume
PNS / level	79 % / normal	fold-over direction	AP	ShimAlign	no
dB/dt	102.7 T/s	fat shift direction	L	mDIXON	no
Sound Pressure Level	23.0589	Minimum number of	1	Fat suppression	no
(dB)		packages		Water suppression	no
Boil-off (hPa/h)	10.58805	Slice scan order	interleaved	MTC	no
Max Boil-off (hPa/h)	10.58805	PlanAlign	no	Research prepulse	no
Boil-off (hPa)	0.7958682	REST slabs	1	MDME Research prepulse	no
MOTION	1	shared	no	Diffusion mode	no
Cardiac synchronization	no	type	free	T1 mapping	no
Heart rate > 250 bpm	no	orientation	coronal	Transmit channels	both
Respiratory	no	thickness (mm)	80	SAR mode	high
compensation		. power	1	B1 mode	default
Navigator respiratory comp	no	Catheter tracking	no	SAR allow first level	yes
Flow compensation	yes	Interactive positioning	no	PNS mode	moderate
Temporal slice spacing	default	Allow table movement	no	Gradient mode	maximum
fMRI echo stabilisation	no	OFFC/AN	G	SofTone mode	no
NSA	2	Stacks	1		
SMART	yes	Stack Offc. AP	4.959927		
MRE enable	no	(P=+mm)	2.067020		
DYN/AN	<u>.</u> G	RL (L=+mm)	3.967938		
Angio / Contrast enh.	no	. FH (H=+mm)	47.61523 -2.273305		
Quantitative flow	no	Ang. AP (deg)			
Manual start	no	RL (deg)	0		
Dynamic study	no	Froe retatable	0	-	
Arterial Spin labeling	no	Free rotatable	05 04007		
POST/PRO		Rest Offc. AP (P=+mm)	-95.04007	-	
Preparation phases	full	RL (L=+mm)	3.967938	-	
Interactive F0	no	FH (H=+mm)	47.61523		
SmartPlan survey	no	Ang. AP (deg)	-2.273305		
B0 field map	no	RL (deg)	0		
B1 field map	no	FH (deg)	0		
MIP/MPR	no	Shim Size AP (mm)	49.5138	-	
SWID	no	RL (mm)	63.25952		
2.11p	M, no, no, no	FH (mm)	95		
Images	14, 110, 110, 110	Offc. AP (P=+mm)	3.729211		
Images	м	DI (I)	5.026229	1	
Autoview image	M no no no no	RL (L=+mm)	47.40.475	1	
Autoview image Calculated images	no, no, no, no	. FH (H=+mm)	47.48476		
Autoview image Calculated images Reference tissue	no, no, no, no Grey matter	FH (H=+mm) Ang. AP (deg)	-2.272193		
Autoview image Calculated images Reference tissue Recon compression	no, no, no, no Grey matter	FH (H=+mm) Ang. AP (deg) RL (deg)	-2.272193 0.1920719		
Autoview image Calculated images Reference tissue Recon compression Preset window contrast	no, no, no, no Grey matter No soft	FH (H=+mm) Ang. AP (deg)	-2.272193		
Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode	no, no, no, no Grey matter No soft real time	FH (H=+mm) Ang. AP (deg) RL (deg)	-2.272193 0.1920719		
Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	no, no, no, no Grey matter No soft real time no	FH (H=+mm) Ang. AP (deg) RL (deg)	-2.272193 0.1920719		
Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data Hardcopy protocol	no, no, no, no Grey matter No soft real time no	FH (H=+mm) Ang. AP (deg) RL (deg)	-2.272193 0.1920719		
Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode Save raw data	no, no, no, no Grey matter No soft real time no	FH (H=+mm) Ang. AP (deg) RL (deg)	-2.272193 0.1920719		