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Philips MRI Protocol Dump
Created on
2/2/2017 2:59:27 PM
Comment
Created by ExamCard_to_XML with inputs: "E:\Export\CDIP_HUMAN (Master patch -32 canaux).ExamCard" on system ( :: 192.168.71.10)
Software Stream
5.1.8.0

Expand All | Collapse All | (1) | (8) | (1) | (9) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) | (1) |
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INFO PAG		GEOMETE		CONTRA	
Total scan duration	00:31.4	Nucleus	H1	Scan type	Imaging
Rel. SNR	1.000167	Uniformity	CLEAR	Scan mode	M2D
Act. TR/TE (ms)	11 / 4.6	FOV FH (mm)	250	technique	FFE
ACQ matrix M x P	256 x 128	AP (mm)	250	Contrast enhancement	T1
ACQ voxel MPS (mm)	0.98 / 1.95 /	stack RL (mm)	50	Acquisition mode	cartesian
	10.0	Voxel size FH (mm)	0.976563	Fast Imaging mode	TFE
REC voxel MPS (mm)	0.98 / 0.98 /	AP (mm)	1.953125	shot mode	multishot
	10.0	Slice thickness (mm)	10	TFE factor	64
Scan percentage (%)	50	Recon voxel size (mm)	0.9765625	startup echoes	default
TFE shots	2	Small FOV imaging	no	shot interval	shortest
TFE dur. shot / acq (ms)	1161.8 / 704.0	Fold-over suppression	no	profile order	linear
TFE shot interval (ms)	1161.829	Reconstruction matrix	256	Echoes	1
Min. TI delay	396.7518	SENSE	no	partial echo	no
Act. WFS (pix) / BW (Hz)	3.104 / 139.9	+MultiBand SENSE	no	shifted echo	no
Min. WFS (pix) / Max.	0.560 / 775.0	k-t BLAST	no	TE	in-phase
BW (Hz)		Stacks	3	(ms)	4.60545
Min. TR/TE (ms)	9.4 / 3.7	current	A	Flip angle (deg)	15
SAR / local torso	< 11 %	type	parallel	TR TIP Unigic (ucg)	user defined
Whole body / level	< 0.3 W/kg /	slices	3	(ms)	11
CED	normal	slices slice gap	user defined	Halfscan	no
SED	0.0 kJ/kg		10	II 	user defined
B1+rms / Coil Power	0.75 uT / 10 %	gap (mm)		Water-fat shift	
Max B1+rms	0.75 uT	slice orientation	sagittal AP	(pixels) RF Shims	3.5 fixed
PNS / level	53 % / normal	fold-over direction	AP F		
dB/dt	44.8 T/s	fat shift direction		Shim	default
Sound Pressure Level	17.52768	Slice scan order	default	mDIXON	no
(dB) Boil-off (hPa/h)	2.377374	Stack scan order	ascend	Fat suppression	no
		Move table per stack	no	Water suppression	no
Max Boil-off (hPa/h)	3.987857	Stack alignment	no	TFE prepulse	invert
Boil-off (hPa)	0.02071577	Stack display order	no	slice selection	no
MOTION		PlanAlign	no	shared	no
Cardiac synchronization	no	REST slabs	0	delay	user defined
Heart rate > 250 bpm	no	Catheter tracking	no	(ms)	800
Respiratory	no	Interactive positioning	no	PSIR	no
compensation		Allow table movement	no	+MP2RAGE	no
Navigator respiratory comp	no	OFFC/AN	G	+VASO-BOLD	no
+RNAV imaging	no	Stacks	3	MTC	no
mode	110	current	Α	T2prep	no
Flow compensation	no	Stack Offc. AP	-20	+DANTE	no
fMRI echo stabilisation	no	(P=+mm)		Research prepulse	no
Motion smoothing	no	RL (L=+mm)	0	Diffusion mode	no
NSA	1	FH (H=+mm)	0	Elastography mode	no
DYN/AN	•	Ang. AP (deg)	0	Transmit channels	both
Angio / Contrast enh.	Ino	RL (deg)	0	SAR mode	high
Quantitative flow	no	FH (deg)	0	B1 mode	default
Manual start	no	Free rotatable	no	SAR Patient data	auto
Dynamic study	no			PNS mode	low
Arterial Spin labeling	no			Gradient mode	default
	•			SofTone mode	no
POST/PRO					•
Preparation phases	auto				
Interactive F0	no				
SmartPlan survey	no				
B0 field map	no				
MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image	М				
Calculated images	no, no, no, no				
Reference tissue	White matter				
Recon compression	No				
Preset window contrast	soft				
Reconstruction mode	immediate				
Reconstruction mode Save raw data					
Reconstruction mode Save raw data Hardcopy protocol	no no				

☐ Hospital (5) ☐ CDIF	_HUMAN (Master	patch -32 canaux) (8) 34:5	6.1 🔚 T1W_3D	_TFE_SENSE2 06:19.9	
INFO PAG	GE	GEOMETI	RY	CONTRA	ST
Total scan duration	06:19.9	Nucleus	H1	Scan type	Imaging
Rel. SNR	1.000037	Uniformity	CLEAR	Scan mode	3D
Act. TR/TE (ms)	7.3 / 3.3	FOV FH (mm)	256	technique	FFE
ACQ matrix M x P	256 x 248	AP (mm)	248	Contrast enhancement	T1
ACQ voxel MPS (mm)	1.00 / 1.00 /	RL (mm)	180	Acquisition mode	cartesian
	1.00	Voxel size FH (mm)	1	Fast Imaging mode	TFE
REC voxel MPS (mm)	1.00 / 1.00 / 1.00	AP (mm)	1	3D non-selective	no
Scan percentage (%)	100	RL (mm)	1	shot mode	multishot
TFE shots	126	Recon voxel size (mm)	1	TFE factor	248
TFE dur. shot / acq (ms)	1861.5 /	Fold-over suppression	no	3D free factor	no
Tr 2 dan shot / deq (ms)	1817.1	Slice oversampling	default	startup echoes	default
Min. TI delay	944.3877	RF select. FOS	no	shot interval	user defined
Act. WFS (pix) / BW (Hz)	1.903 / 228.2	Reconstruction matrix	256	(ms)	3000
Min. WFS (pix) / Max.	0.560 / 775.0	SENSE	yes	profile order	linear
BW (Hz)		P reduction (AP)	1	turbo direction	Y
SAR / local torso	< 9 %	S reduction (RL)	2	Echoes	1
Whole body / level	< 0.3 W/kg / normal	k-t BLAST	no	partial echo	no
SED	< 0.1 kJ/kg	Overcontiguous slices	no	shifted echo	no
B1+rms / Coil Power	0.68 uT / 8 %	Stacks	1	TE	shortest
Max B1+rms	0.68 uT	slices	180	Flip angle (deg)	
PNS / level	55 % / normal	slice orientation	sagittal	TR	shortest
dB/dt	56.1 T/s	fold-over direction	AP	Halfscan	no
Sound Pressure Level	13.20022	fat shift direction	F	Water-fat shift	user defined
(dB)	13.20022	Multi-chunk	no	(pixels)	1.9
Boil-off (hPa/h)	3.603582	PlanAlign	no	RF Shims	fixed
Max Boil-off (hPa/h)	5.937897	REST slabs	0	Shim	auto
Boil-off (hPa)	0.3802395	Catheter tracking	no	mDIXON	no
MOTION		Interactive positioning	no	Fat suppression	no
Cardiac synchronization	no	Allow table movement	no	Water suppression	no
Heart rate > 250 bpm	no	OFFC/AN		TFE prepulse	invert
Respiratory	no	Stacks	1	slice selection delay	no shortest
compensation		Stack Offc. AP (P=+mm)	-18.11262		
Navigator respiratory	no	RL (L=+mm)	-3.655661	PSIR +MP2RAGE	no
comp		FH (H=+mm)	34.79839	+WPZRAGE +VASO-BOLD	no no
+RNAV imaging mode	no	Ang. AP (deg)	-2.824815	MTC +VASO-BOLD	no
Flow compensation	no	RL (deg)	-1.097183	T2prep	no
fMRI echo stabilisation	no	FH (deg)	1.532098	+DANTE	no
Motion smoothing	no	Free rotatable	no	Research prepulse	no
NSA	1		1	Diffusion mode	no
DYN/AN	•			Elastography mode	no
Angio / Contrast enh.	no			Transmit channels	both
Quantitative flow	no			SAR mode	high
CENTRA	no			B1 mode	default
Manual start	no			SAR Patient data	auto
Dynamic study	no			PNS mode	low
Arterial Spin labeling	no			Gradient mode	default
		-		SofTone mode	no
POST/PRO				our rone mode	1
Preparation phases	auto				
Interactive F0	no no				
SmartPlan survey	no				
B0 field map MIP/MPR	no				
SWIp	no				
Images	M, no, no, no				
Autoview image					
Calculated images Reference tissue	no, no, no, no White matter				
	No White matter				
Recon compression	NO soft				
Preset window contrast Reconstruction mode	immediate				
Save raw data	no no				
Hardcopy protocol Image filter	no				
Elliptical k-space shutter	default				
Emputar K-space smatter	uciauit	J			

INFO PA		GEOMETE		CONTRA	
Total scan duration	05:00.0	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR (ms)	3000	FOV AP (mm)	240	technique	SE
Act. TE (ms)	13/100	RL (mm)	240	Modified SE	no
ACQ matrix M x P	256 x 240	FH (mm)	144	Acquisition mode	cartesian
ACQ voxel MPS (mm)	0.94 / 1.00 /	Voxel size AP (mm)	0.94	Fast Imaging mode	TSE
	3.00	RL (mm)	0.9375	shot mode	multishot
REC voxel MPS (mm)	0.94 / 0.94 / 3.00	Slice thickness (mm)	3	TSE factor	10
C(0/)	93.75	Recon voxel size (mm)	0.9375	startup echoes	0
Scan percentage (%)		Small FOV imaging	no	profile orders	default
Packages	4	Fold-over suppression	no	DRIVE	no
Min. slice gap (mm)	0	Reconstruction matrix	256	ultrashort	no
Optimal slices	13	SENSE	yes	fid reduction	default
Max. slices	52	P reduction (RL)	2	Echoes	2
WFS (pix) / BW (Hz)	1.974 / 219.9	+MultiBand SENSE	no	partial echo	no
TSE es / shot (ms)	12.5 / 125	k-t BLAST	no	TE first	shortest
TEeff / TEequiv (ms)	100 / 100	Stacks	1	second (ms)	100
Min. TR (ms)	2728	type	parallel	Flip angle (deg)	90
SAR / local torso	< 91 %	slices	48	Refocusing control	no
Whole body / level	< 2.9 W/kg /		user defined		user defined
· .	1st level	slice gap		TR	
SED	< 0.9 kJ/kg	gap (mm)	0	(ms)	3000
B1+rms / Coil Power	2.18 uT / 87 %	slice orientation	transverse	Halfscan	no
Max B1+rms	2.19 uT	fold-over direction	RL	Water-fat shift	maximum
PNS / level	36 % / normal	fat shift direction	P	RF Shims	fixed
dB/dt	37.7 T/s	Minimum number of	1	Shim	default
Sound Pressure Level	12.61967	packages		mDIXON	no
(dB)	12.01507	Slice scan order	default	Fat suppression	no
Boil-off (hPa/h)	1.138171	+Slice shuffling	no	Grad Rev Fat	no
Max Boil-off (hPa/h)	1.138171	PlanAlign	no	suppression	
Boil-off (hPa)	0.09484755	REST slabs	0	Water suppression	no
MOTTO	<u> </u>	Catheter tracking	no	BB pulse	no
Cardiac synchronization	no	Interactive positioning	no	MTC	no
		Allow table movement	no	T2prep	no
Heart rate > 250 bpm	no no	OFFC/AN	G	+DANTE	no
Respiratory compensation	no	Stacks	1	Research prepulse	no
Navigator respiratory	no	Stack Offc. AP	-18.11262	Zoom imaging	no
comp	110	(P=+mm)	10.11202	Diffusion mode	no
+RNAV imaging	no	RL (L=+mm)	-3.655661	Elastography mode	no
mode		FH (H=+mm)	34.79839	Transmit channels	both
Flow compensation	no	Ang. AP (deg)	-2.824815	SAR mode	high
Temporal slice spacing	default	RL (deg)	-1.097183	B1 mode	default
Motion smoothing	no	FH (deg)	1.532098		
NSA	1	Free rotatable	no	SAR Patient data	auto
DYN/AN		Free rotatable	110	PNS mode	low
				Gradient mode	default
Manual start	no			SofTone mode	no
Dynamic study	no				
Arterial Spin labeling	no				
POST/PR	oc				
Preparation phases	auto				
Interactive F0	no				
SmartPlan survey	no				
B0 field map	no				
MIP/MPR	no				
Images	M, no, no, no				
Autoview image	M				
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				
Juve ruw data					
Hardcopy protocol	no				

INFO PA		GEOMETE		CONTRAS	
Total scan duration	03:36.0	Nucleus	H1	Scan type	Imaging
Rel. SNR	1	Uniformity	CLEAR	Scan mode	MS
Act. TR/TI (ms)	9000 / 2500	FOV AP (mm)	240	technique	IR
Act. TE (ms)	125.00	RL (mm)	210	Acquisition mode	cartesian
ACQ matrix M x P	256 x 190	FH (mm)	144	Fast Imaging mode	TSE
ACQ voxel MPS (mm)	0.94 / 1.11 /	Voxel size AP (mm)	0.94	shot mode	multishot
DEC LANC ()	3.00 0.94 / 0.94 /	RL (mm)	0.94	TSE factor	19
REC voxel MPS (mm)	3.00	Slice thickness (mm)	3	startup echoes	0
Scan percentage (%)	84.82143	Recon voxel size (mm)	0.9375	profile order	linear
Packages	4	Small FOV imaging	no	DRIVE	no
Min. slice gap (mm)	0.6	Fold-over suppression	no	ultrashort	yes
Optimal slices	26	Reconstruction matrix	256	shift	0
Max. slices	52	SENSE	yes	fid reduction	default
WFS (pix) / BW (Hz)	1.748 / 248.5	P reduction (RL)	2	Echoes	1
Full flow comp.	yes	+MultiBand SENSE	no	partial echo	no
TSE es / shot (ms)	12.5 / 238	k-t BLAST	no	TE	user defined
TEeff / TEequiv (ms)	125 / 122	Stacks	1	(ms)	125
Min. TR/TI (ms)	8342 / 50	type	parallel	Refocusing control	yes
	< 67 %	slices	48	angle (deg)	150
SAR / local torso Whole body / level	< 2.2 W/kg /	slice gap	user defined	echo enhancement	no
whole body / level	1st level	gap (mm)	0	bright fat	no
SED	< 0.5 kJ/kg	slice orientation	transverse	reduction	
B1+rms / Coil Power	1.87 uT / 64 %	fold-over direction	RL	TR	user defined
Max B1+rms	1.89 uT	fat shift direction	P	(ms)	9000
PNS / level	56 % / normal	Minimum number of	3	Halfscan	no
dB/dt	44.8 T/s	packages		Water-fat shift	maximum
Sound Pressure Level	21.56663	Slice scan order	default	IR delay (ms)	2500
(dB)	21.50005	+Slice shuffling	no	acquire during	yes
Boil-off (hPa/h)	2.413759	PlanAlign	no	delay	
Max Boil-off (hPa/h)	3.807558	REST slabs	1	dual	no
Boil-off (hPa)	0.1448256	type	parallel	power	1
мотто	N .	thickness (mm)	53.99319	RF Shims	fixed
Cardiac synchronization	no	position	feet	Shim	default
Heart rate > 250 bpm	no	gap	default	mDIXON	no
Respiratory	no	power	1	Fat suppression	SPIR
compensation		Catheter tracking	no	strength	strong
Navigator respiratory	no	Interactive positioning	no	frequency offset	default
comp		Allow table movement	no	Grad Rev Fat suppression	no
+RNAV imaging mode	no	OFFC/AN	G	Water suppression	no
		Stacks	1	MTC	no
Flow compensation	yes	Stack Offc. AP	-18.11262	T2prep	no
direction	in-plane	(P=+mm)		+DANTE	no
Motion smoothing	no	RL (L=+mm)	-3.655661	Research prepulse	no
NSA	1	FH (H=+mm)	34.79839	Zoom imaging	no
DYN/AN		Ang. AP (deg)	-2.824815	Diffusion mode	no
Manual start	no	RL (deg)	-1.097183		
Dynamic study	no	FH (deg)	1.532098	Elastography mode Transmit channels	no both
Arterial Spin labeling	no	Free rotatable	no		
POST/PR	ос			SAR mode	high
Preparation phases	auto			B1 mode	default
Interactive F0	no			SAR Patient data	auto
SmartPlan survey	no			PNS mode	high
B0 field map	no			Gradient mode	default
MIP/MPR	no			SofTone mode	no
Images	M, no, no, no				
Autoview image	М	1			
Reference tissue	Grey matter	1			
Recon compression	No No	1			
<u> </u>	soft	1			
Preset window contrast					
Preset window contrast Reconstruction mode	real time				
Reconstruction mode	real time				
	real time no				

☐ Hospital (5) | ☐ CDIP_HUMAN (Master patch -32 canaux) (8) 34:56.1 | ☐ T2_FFE_SENSE2 04:13.5

I lospital (5) IIII CDIF	_ I IOI IMM (I Idate)	Datch -32 Callaux) (6) 34.5	0.1 12_116_	3LN3L2 04.13.3	
INFO PAG	GE	GEOMETI	RY	CONTRA	ST
Total scan duration	04:13.5	Nucleus	H1	Scan type	Imaging
Rel. SNR	0.9999814	Uniformity	CLEAR	Scan mode	MS
Act. TR/TE (ms)	650 / 21	FOV AP (mm)	240	technique	FFE
ACQ matrix M x P	256 x 256	RL (mm)	240	Contrast enhancement	no
ACQ voxel MPS (mm)	0.94 / 0.94 /	FH (mm)	144	Acquisition mode	cartesian
	3.00	Voxel size AP (mm)	0.94	Fast Imaging mode	none
REC voxel MPS (mm)	0.94 / 0.94 / 3.00	RL (mm)	0.9411765	Echoes	1
Scan percentage (%)	100	Slice thickness (mm)	3	partial echo	no
Packages	3	Recon voxel size (mm)	0.9375	shifted echo	no
Min. slice gap (mm)	0	Small FOV imaging	no	TE	in-phase
Optimal slices	18	Fold-over suppression	no	(ms)	20.72453
Max. slices	54	Reconstruction matrix	256	Flip angle (deg)	20
Act. WFS (pix) / BW (Hz)	2.001 / 217.0	SENSE	yes	TR	user defined
Min. WFS (pix) / Max.	0.907 / 478.7	P reduction (RL)	2	(ms)	650
BW (Hz)	0.307 / 470.7	+MultiBand SENSE	no	Halfscan	no
Min. TR/TE (ms)	549 / 9.4	k-t BLAST	no	Water-fat shift	user defined
SAR / local torso	< 63 %	Stacks	1	(pixels)	2
Whole body / level	< 2.0 W/kg /	type	parallel	RF Shims	fixed
Timole Body / Tevel	normal	slices	48	Shim	default
SED	< 0.5 kJ/kg	slice gap	user defined	mDIXON	no
B1+rms / Coil Power	1.81 uT / 60 %	gap (mm)	0	Fat suppression	no
Max B1+rms	1.81 uT	slice orientation	transverse	Water suppression	no
PNS / level	14 % / normal	fold-over direction	RL	MTC	no
dB/dt	6.4 T/s	fat shift direction	P	Research prepulse	no
Sound Pressure Level	-3.493363	Minimum number of	1	Diffusion mode	no
(dB)	5.155505	packages	-	Elastography mode	no
Boil-off (hPa/h)	0.8865204	Slice scan order	default	Transmit channels	both
Max Boil-off (hPa/h)	0.8865204	+Slice shuffling	no	SAR mode	high
Boil-off (hPa)	0.06242581	PlanAlign	no	B1 mode	default
MOTION	•	REST slabs	1	SAR Patient data	auto
Cardiac synchronization	no	shared	no	PNS mode	low
Heart rate > 250 bpm	no	type	parallel	Gradient mode	default
Respiratory	no	thickness (mm)	60	SofTone mode	yes
compensation	110	position	feet	301 Tolle Illoue	l yes
Navigator respiratory	no	gap	default		
comp		power	1		
+RNAV imaging	no	Catheter tracking	no		
mode		Interactive positioning	no		
Flow compensation	yes	Allow table movement	no		
+force compact	no				
waveforms		OFFC/AN	1		
Temporal slice spacing	default	Stacks	_		
fMRI echo stabilisation	no	Stack Offc. AP (P=+mm)	-18.11262		
NSA	1		-3.655661		
DYN/AN	G	RL (L=+mm)	34.79839		
Angio / Contrast enh.	no	FH (H=+mm)			
Quantitative flow	no	Ang. AP (deg)	-2.824815		
Manual start					
Discourie abodo.	no	RL (deg)	-1.097183		
Dynamic Study	no no	FH (deg)	1.532098		
Dynamic study Arterial Spin labeling					
Arterial Spin labeling	no no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRO	no no OC	FH (deg)	1.532098		
Arterial Spin labeling POST/PRO Preparation phases	no no OC auto	FH (deg)	1.532098		
Arterial Spin labeling POST/PRO Preparation phases Interactive F0	no no OC auto no	FH (deg)	1.532098		
Preparation phases Interactive F0 SmartPlan survey	no no OC auto no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRO Preparation phases Interactive F0 SmartPlan survey B0 field map	no n	FH (deg)	1.532098		
Arterial Spin labeling POST/PR6 Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR	no no oc auto no no no no no	FH (deg)	1.532098		
Arterial Spin labeling POST/PR6 Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp	no no oc auto no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive PAO SmartPlan survey B0 field map MIP/MPR SWIP Images	no no OC auto no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image	no no OC auto no no no no no no no no M, no, no, no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images	no no oc auto no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIIP/MPR SWIp Images Autoview image Calculated images Reference tissue	no n	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images	no no oc auto no	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue	no n	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue Recon compression	no n	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast	no no DC auto no no no no no no M, no, no, no, no M no, no, no, no, no Grey matter No soft	FH (deg)	1.532098		
Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue Recon compression Preset window contrast Reconstruction mode	no no OC auto no	FH (deg)	1.532098		

☐ Hospital (5) ☐ CDIP		patc
INFO PAG		
Total scan duration	08:53.8	Nu
Rel. SNR	1.000167	Uı
Act. TR/TE (ms) Dyn. scan time	2110 / 30 00:02.1	FC
Time to k0	00:01.0	
ACQ matrix M x P	64 x 62	Vc
ACQ voxel MPS (mm)	3.50 / 3.61 / 3.50	
REC voxel MPS (mm)	3.50 / 3.50 /	Sli
	3.50	Sr
Scan percentage (%) Packages	96.875	Fo
Min. slice gap (mm)	0	Re
EPI factor	31	SE
+EPI echo spacing (ms)	0.64	+1
+Time/slice (ms) Act. WFS (pix) / BW (Hz)	52.5 8.941 / 48.6	k-
BW in EPI freq. dir. (Hz)	1905.4	St
Min. WFS (pix) / Max.	5.826 / 74.5	1-
BW (Hz)	2002 / 42	-
Min. TR/TE (ms) SAR / local torso	2002 / 12 < 33 %	
Whole body / level	< 1.1 W/kg /	
	normal	-
SED B1+rms / Coil Power	< 0.6 kJ/kg 1.31 uT / 31 %	- Mi
Max B1+rms	1.31 uT / 31 %	pa
PNS / level	73 % / normal	Sli
dB/dt	112.8 T/s	+: Pl
Sound Pressure Level (dB)	17.91068	RE
Boil-off (hPa/h)	7.646323	Ca
Max Boil-off (hPa/h)	7.646354	In
Boil-off (hPa)	1.133775	Al
MOTION		<u>.</u>
Cardiac synchronization Heart rate > 250 bpm	no	St
Respiratory	no	(P=
compensation		
Navigator respiratory comp	no	-
+RNAV imaging	no	1
mode	no	
Flow compensation Temporal slice spacing	default	L
fMRI echo stabilisation	no	
NSA	1	
DYN/AN		
Angio / Contrast enh. Quantitative flow	no	
Manual start	yes	
Dynamic study	individual	
dyn scans	250	
+noise scan	no 1	
recon multiplier dyn scan times	1 shortest	-
fov time mode	default	
dummy scans	1	
immediate subtraction	no	
fast next scan	no	
synch. ext. device	no	
dyn stabilization	enhanced	
prospect. motion	no	
corr. Keyhole	no	
Arterial Spin labeling	no	
POST/PRO	ос	
Preparation phases	full	
Interactive F0	no	
SmartPlan survey B0 field map	no	
MIP/MPR	no	1
SWIp	no	
Images	M, no, no, no	
Autoview image	M no no no	
Calculated images Reference tissue	no, no, no, no Grey matter	
EPI 2D phase correction	no	
Recon compression	No	
Preset window contrast	soft	
Reconstruction mode	real time	
reuse memory Save raw data	no	
Hardcopy protocol	no	1
Image filter	weak	

INFO PAG	GE .	GEOMETI	RY	CONTRA	ST
Total scan duration	08:53.8	Nucleus	H1	Scan type	Imaging
Rel. SNR	1.000167	Uniformity	CLEAR	Scan mode	MS
Act. TR/TE (ms)	2110 / 30	FOV RL (mm)	224	technique	FFE
Dyn. scan time	00:02.1	AP (mm)	224	Contrast enhancement	no
Time to k0	00:01.0	FH (mm)	136.5	Acquisition mode	cartesian
ACQ matrix M x P	64 x 62	Voxel size RL (mm)	3.5	Fast Imaging mode	EPI
ACQ voxel MPS (mm)	3.50 / 3.61 /	AP (mm)	3.5	shot mode	single-shot
ACQ VOXELINES (IIIII)	3.50 / 3.01 /		3.5	1	
REC voxel MPS (mm)	3.50 / 3.50 /	Slice thickness (mm)		Echoes	1
neo roxer i ii o (iiiii)	3.50	Recon voxel size (mm)	3.5	partial echo	no
Scan percentage (%)	96.875	Small FOV imaging	no	shifted echo	no
Packages	1	Fold-over suppression	no	TE	user defined
Min. slice gap (mm)	0	Reconstruction matrix	64	(ms)	30
EPI factor	31	SENSE	yes	Flip angle (deg)	70
		P reduction (AP)	2	TR	user defined
+EPI echo spacing (ms)	0.64	+MultiBand SENSE	no	(ms)	2110
+Time/slice (ms)	52.5	k-t BLAST	no	Halfscan	no
Act. WFS (pix) / BW (Hz)	8.941 / 48.6	Stacks	1	Water-fat shift	user defined
BW in EPI freq. dir. (Hz)	1905.4	type	parallel	(pixels)	8.94
Min. WFS (pix) / Max.	5.826 / 74.5	slices	39	RF Shims	fixed
SW (Hz)		slice gap	user defined	Shim	auto
Min. TR/TE (ms)	2002 / 12		0		+
SAR / local torso	< 33 %	gap (mm)		mDIXON Eat suppression	no CDTD
Whole body / level	< 1.1 W/kg /	slice orientation	transverse	Fat suppression	SPIR
	normal	fold-over direction	AP	strength	strong
SED	< 0.6 kJ/kg	fat shift direction	Р	frequency offset	default
B1+rms / Coil Power	1.31 uT / 31 %	Minimum number of	1	Water suppression	no
Max B1+rms	1.31 uT	packages	<u> </u>	MTC	no
PNS / level	73 % / normal	Slice scan order	ascend	Research prepulse	no
dB/dt	112.8 T/s	+Slice shuffling	no	Diffusion mode	no
Sound Pressure Level	17.91068	PlanAlign	no	Elastography mode	no
dB)		REST slabs	0	Transmit channels	both
Boil-off (hPa/h)	7.646323	Catheter tracking	no	SAR mode	high
Max Boil-off (hPa/h)	7.646354	Interactive positioning	no	B1 mode	default
Boil-off (hPa)	1.133775	Allow table movement	no	1	
			•	SAR Patient data	auto
MOTION		OFFC/AN	1	PNS mode	high
Cardiac synchronization	no	Stacks	1	Gradient mode	maximum
Heart rate > 250 bpm	no	Stack Offc. AP	-18.11262	SofTone mode	no
Respiratory	no	(P=+mm)	2.05=55		
compensation		RL (L=+mm)	-3.655661		
Navigator respiratory	no	FH (H=+mm)	34.79839		
comp		Ang. AP (deg)	-2.824815		
+RNAV imaging	no	RL (deg)	-1.097183		
node		FH (deg)	1.532098		
Flow compensation	no	Free rotatable	no	1	
Temporal slice spacing	default		•	1	
fMRI echo stabilisation	no				
NSA	1				
DYN/AN	G				
Angio / Contrast enh.	no				
Quantitative flow	no				
Manual start	yes				
Dynamic study	individual				
dyn scans	250				
+noise scan	no				
recon multiplier	1				
dyn scan times	shortest				
fov time mode	default				
dummy scans	1				
immediate	no				
ubtraction	L				
fast next scan	no				
synch. ext. device	no				
dyn stabilization	enhanced				
prospect. motion	no	1			
orr.	l				
Keyhole	no	1			
Arterial Spin labeling	no				
POST/PRO		1			
	JC				
•					
Preparation phases	full				
Preparation phases Interactive F0	full no				
Preparation phases Interactive F0	full				
Preparation phases Interactive F0 SmartPlan survey	full no				
Preparation phases Interactive F0 SmartPlan survey B0 field map	full no no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR	full no no no no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp	full no no no no no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images	full no no no no no no M, no, no, no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image	full no no no no no no M, no, no, no, no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images	full no no no no no no M, no, no, no, no M no, no, no, no, no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images	full no no no no no no M, no, no, no, no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue	full no no no no no no M, no, no, no, no M no, no, no, no, no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue EPI 2D phase correction	full no no no no no M, no, no, no, no M on, no, no, no, no Grey matter				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue EPI ZD phase correction Recon compression	full no no no no no no no no no full no no full full full full full full full ful				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast	full no no no no no no M, no, no, no M no, no, no, no Grey matter no No soft				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode	full no no no no no no no M, no, no, no M no, no, no, no Grey matter no No soft real time				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode reuse memory	full no no no no no no M, no, no, no M no, no, no, no Grey matter no No soft real time no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIp Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode reuse memory Save raw data	full no M, no, no, no M no, no, no, no Grey matter no No soft real time no no				
Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR SWIP Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode	full no no no no no no M, no, no, no M no, no, no, no Grey matter no No soft real time no				

Total scan duration	05:50.4	GEOMETE Nucleus		CONTRAS	
			H1 CLEAR	Scan type	Imaging
Rel. SNR	1.00016	Uniformity		Scan mode	MS
Act. TR (ms)	10012	FOV RL (mm)	256	technique Madified CF	SE
Act. TE (ms)	107.50	AP (mm)	256	Modified SE	no
ACQ matrix M x P	128 x 126	FH (mm)	140	Acquisition mode	cartesian
ACQ voxel MPS (mm)	2.00 / 2.03 / 2.00	Voxel size RL (mm)	2	Fast Imaging mode	EPI
REC voxel MPS (mm)	2.00 / 2.00 /	AP (mm)	2	shot mode	single-shot
REC VOXELLIE (IIIII)	2.00 / 2.00 /	Slice thickness (mm)	2	Echoes	1
Scan percentage (%)	98.4375	Recon voxel size (mm)	2	partial echo	no
Packages	1	Small FOV imaging	no	TE	user defined
Min. slice gap (mm)	0	Fold-over suppression	no	(ms)	107.5
Diffusion gradient timing	54.0 / 25.0	Reconstruction matrix	128	Flip angle (deg)	90
DELTA / delta (ms)	· .	SENSE	yes	TR	shortest
+Diff. Max. Act. Grad.	22.1461	P reduction (AP)	2	Halfscan	no
(mT/m)		+MultiBand SENSE	no	Water-fat shift	user defined
+Diff. Max. Eff. Grad.	22.14624	k-t BLAST	no	(pixels)	23.1
(mT/m)		Stacks	1	RF Shims	fixed
EPI factor	63	type	parallel	Shim	auto
+EPI echo spacing (ms)	0.68	slices	70	mDIXON	no
WFS (pix) / BW (Hz)	18.816 / 23.1	slice gap	user defined	Fat suppression	SPIR
BW in EPI freq. dir. (Hz)	1789.0	gap (mm)	0	strength	strong
SAR / local torso	< 28 %	slice orientation	transverse	frequency offset	default
Whole body / level	< 0.9 W/kg /	fold-over direction	AP	Grad Rev Fat	no
CED	normal	fat shift direction	Р	suppression	
SED Coll B	< 0.3 kJ/kg	Minimum number of	1	Water suppression	no
B1+rms / Coil Power	1.21 uT / 27 %	packages		BB pulse	no
Max B1+rms	1.21 uT	Slice scan order	default	MTC	no
PNS / level	80 % / normal	+Slice shuffling	no	Research prepulse	no
dB/dt	91.3 T/s	PlanAlign	no	Diffusion mode	DTI
Sound Pressure Level	21.04232	REST slabs	0	sequence	SE
(dB) Boil-off (hPa/h)	14.27643	Catheter tracking	no	gradient duration	maximum
		Interactive positioning	no	+diffusion time	auto
Max Boil-off (hPa/h)	14.27677	Allow table movement	no	gradient overplus	no
Boil-off (hPa)	1.389714	OFFC/AN	G	directional	opt 32
MOTION		Stacks	1	resolution	
Cardiac synchronization	no	Stack Offc. AP	9.605714	nr of b-factors	2
Heart rate > 250 bpm	no	(P=+mm)		b-factor order	ascending
Respiratory compensation	no	RL (L=+mm)	-0.6080264	max b-factor	1000
Navigator respiratory	no	FH (H=+mm)	-1.581959	average high b	no
comp	110	Ang. AP (deg)	4.244757	+add noise scan	no
+RNAV imaging	no	RL (deg)	-16.10632	+allow complex	no
mode		FH (deg)	2.592952		
Flow compensation	no	Free rotatable	no	+slider loop order	no
Temporal slice spacing	default			+image by image scaling	no
NSA	1			Elastography mode	no
DYN/AN	G			Transmit channels	both
				L. GUISHING CHAINICIS	DOGE
Manual start	1			SAP mode	high
Manual start Dynamic study	no			SAR mode	high
Dynamic study	no no			B1 mode	default
Dynamic study dyn stabilization	no no no			B1 mode SAR Patient data	default auto
Dynamic study dyn stabilization Arterial Spin labeling	no no no			B1 mode SAR Patient data PNS mode	default auto moderate
Dynamic study dyn stabilization Arterial Spin labeling POST/PR	no no no no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases	no no no no OC full			B1 mode SAR Patient data PNS mode	default auto moderate
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0	no no no o o full no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey	no no no no CC full no no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map	no no no no coc full no no no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR	no no no no o CC full no no no no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images	no no no no OC full no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image	NO NO NO NO NO NO NO NO			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images	no no no no OC full no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image	NO NO NO NO NO NO NO NO			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images	no Mno no no no no M, no, no, no M no, no, no, no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue	no no no no no no no no full no no no no M, no, no, no M no, no, no, no White matter			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction	no no no no no oc full no M, no, no, no, no M white matter no			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression	no n			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast	no no no no no no no no no mo no no no no no no no no M, no, no, no M no, no, no, no White matter no No soft			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum
Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode	no no no no no no no full no no no no M, no, no, no M no, no, no, no White matter no No soft immediate			B1 mode SAR Patient data PNS mode Gradient mode	default auto moderate maximum

☐ Hospital (5) | ☐ CDIP_HUMAN (Master patch -32 canaux) (8) 34:56.1 | ☐ DTI_b0_AP 00:31.1

I lospital (5) IIIII CDIF					
INFO PAG	GE	GEOMETE	RY	CONTRAS	ST .
Total scan duration	00:31.1	Nucleus	H1	Scan type	Imaging
Rel. SNR	1.000128	Uniformity	CLEAR	Scan mode	MS
Act. TR (ms)	10360	FOV RL (mm)	256	technique	SE
Act. TE (ms)	107.50	AP (mm)	256	Modified SE	no
ACQ matrix M x P	128 x 126	FH (mm)	140	Acquisition mode	cartesian
ACQ voxel MPS (mm)	2.00 / 2.03 /	Voxel size RL (mm)	2	Fast Imaging mode	EPI
	2.00	AP (mm)	2	shot mode	single-shot
REC voxel MPS (mm)	2.00 / 2.00 /	Slice thickness (mm)	2	Echoes	1
	2.00	Recon voxel size (mm)	2	partial echo	no
Scan percentage (%)	98.4375	Small FOV imaging	no	TE	user defined
Packages	1	Fold-over suppression	no	(ms)	107.5
Min. slice gap (mm)	0	Reconstruction matrix	128	Flip angle (deg)	90
Diffusion gradient timing	54.0 / 20.1	SENSE SENSE		TR	shortest
DELTA / delta (ms)		P reduction (AP)	yes 2	Halfscan	no
+Diff. Max. Act. Grad.	0	+MultiBand SENSE	no	Water-fat shift	user defined
(mT/m)	_	k-t BLAST		(pixels)	
+Diff. Max. Eff. Grad. (mT/m)	0		no		23.1
EPI factor	63	Stacks	1	RF Shims	fixed
	-	type	parallel	Shim	auto
+EPI echo spacing (ms)	0.83	slices	70	mDIXON	no
WFS (pix) / BW (Hz)	23.099 / 18.8	slice gap	user defined	Fat suppression	SPIR
BW in EPI freq. dir. (Hz)	1402.4	gap (mm)	0	strength	strong
SAR / local torso	< 27 %	slice orientation	transverse	frequency offset	default
Whole body / level	< 0.9 W/kg /	fold-over direction	AP	Grad Rev Fat	no
CED	normal	fat shift direction	Α	suppression	
SED	0.0 kJ/kg	Minimum number of	1	Water suppression	no
B1+rms / Coil Power	1.19 uT / 26 %	packages		BB pulse	no
Max B1+rms	1.19 uT	Slice scan order	default	MTC	no
PNS / level	70 % / normal	+Slice shuffling	no	Research prepulse	no
dB/dt	94.7 T/s	PlanAlign	no	Diffusion mode	DTI
Sound Pressure Level	20.64277	REST slabs	0	sequence	SE
(dB)		Catheter tracking	no	gradient duration	maximum
Boil-off (hPa/h)	12.43217	Interactive positioning	no	+diffusion time	auto
Max Boil-off (hPa/h)	12.43445	Allow table movement	no	gradient overplus	no
Boil-off (hPa)	0.1073352	OFFC/AN	G	directional	low (6)
MOTION	1	Stacks	1	resolution	. ,
Cardiac synchronization	no	Stack Offc. AP	9.605714	nr of b-factors	1
Cardiac synchronization					
Heart rate > 250 bpm	no	(P=+mm)		max b-factor	0
Heart rate > 250 bpm Respiratory	no no	(P=+mm)		max b-factor average high b	no no
Heart rate > 250 bpm	-	(P=+mm) RL (L=+mm)	-0.6080264		
Heart rate > 250 bpm Respiratory compensation Navigator respiratory	-	(P=+mm) RL (L=+mm) FH (H=+mm)	-0.6080264 -1.581959	average high b	no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp	no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg)	-0.6080264 -1.581959 4.244757	average high b +add noise scan	no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging	no	(P=+mm)	-0.6080264 -1.581959 4.244757 -16.10632	average high b +add noise scan +allow complex	no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode	no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image	no no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation	no no no	(P=+mm)	-0.6080264 -1.581959 4.244757 -16.10632	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling	no no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing	no no no default	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image	no no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA	no no no default	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling	no no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN	no no no default	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode	no no no no no
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start	no no no default	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels	no no no no no both
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN	no no no default 1	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode	no no no no no both high
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start	no no no default 1 G	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode B1 mode	no no no no no both high default
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study	no no no default 1 G no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode B1 mode SAR Patient data PNS mode	no no no no no no no default auto
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling	no no no default 1 G no no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe	no no no default 1 G no no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode B1 mode SAR Patient data PNS mode	no no no no no no both high default auto moderate
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases	no no no default 1 G no no no o c full	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PR	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey	no no no default 1 G no no no no for full no no no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe Preparation phases Interactive FO SmartPlan survey B0 field map	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR	no no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images	no no no default 1 G no M, no, no, no M no, no, no, no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue	no no no default 1 G no M, no, no, no, no White matter	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images	no no no default 1 G no no no no no no no no no M, no, no, no, no White matter no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory compensation Navigator respiratory compensation +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PR Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction	no no no default 1 G no no no no no no no no no M, no, no, no, no White matter no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory comp +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory compensation Navigator respiratory compensation +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRe Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Preset window contrast	no no no default 1 G no M, no, no, no M no, no, no, no White matter no No soft	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory compensation Navigator respiratory compensation HRNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode	no no no no default 1 G no no no no no no no no no M, no, no, no M, no, no, no White matter no No soft immediate	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no both high default auto moderate maximum
Heart rate > 250 bpm Respiratory compensation Navigator respiratory compensation Navigator respiratory compensation +RNAV imaging mode Flow compensation Temporal slice spacing NSA DYN/AN Manual start Dynamic study dyn stabilization Arterial Spin labeling POST/PRI Preparation phases Interactive F0 SmartPlan survey B0 field map MIP/MPR Images Autoview image Calculated images Reference tissue EPI 2D phase correction Recon compression Preset window contrast Reconstruction mode Save raw data	no no no default 1 G no	(P=+mm) RL (L=+mm) FH (H=+mm) Ang. AP (deg) RL (deg) FH (deg)	-0.6080264 -1.581959 4.244757 -16.10632 2.592952	average high b +add noise scan +allow complex diff. +slider loop order +image by image scaling Elastography mode Transmit channels SAR mode BI mode SAR Patient data PNS mode Gradient mode	no no no no no no no default auto moderate maximum