

SERIES 1. 3-plane localizer

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	3-PLANE	Frequency	256
Gradient Mode	WHOLE	Mode	2D	Phase	128
Scan Timing		Pulse sequence	Gradient Echo	NEX	1.00
		Imaging Options	Seq, Fast	phase field of view	1.00
		Additional Parameters		phase correct	No
				swap phase & frequency	Unswap
				autoshim	On
				Range / Prescription	
				field of view	26.0
				slice thickness	5.0
				slice spacing	5.0

SERIES 2. IR-SPGR

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	SAGITTAL	Frequency	256
Gradient Mode	ZOOM	Mode	3D	Phase	256
Scan Timing		Pulse sequence	SPGR	NEX	1.00
Number of echoes	1	Imaging Options	EDR, Fast, IrP	phase field of view	1.00
TE	Min Full	PSD type in name	efgre3d_cs	phase correct	No
TI	400	Additional Parameters		swap phase & frequency	S/I
Flip angle	11			autoshim	On
BW1	31.25			Range / Prescription	
				slices per slab	200
				field of view	26.0
				slice thickness	1.2
				number of slices	1

**SERIES 3. calibration scan**

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	AXIAL	phase correct	No
Gradient Mode	WHOLE	Mode	2D	swap phase & frequency	R/L
Scan Timing		Pulse sequence	Gradient Echo	autoshim	Auto
Number of echoes	1	Imaging Options	Fast, Calib	Range / Prescription	
		Additional Parameters		field of view	30.0
				slice thickness	5.0
				slice spacing	0.0
				number of slices	60

SERIES 4. IR-SPGR w/acceleration

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	SAGITTAL	Frequency	256
Gradient Mode	ZOOM	Mode	3D	Phase	256
Scan Timing		Pulse sequence	SPGR	NEX	1.00
Number of echoes	1	Imaging Options	EDR, Fast, IrP, Asset	phase field of view	1.00
TE	Min Full	PSD type in name	efgre3d_cs	phase correct	No
TI	400	Additional Parameters		swap phase & frequency	S/I
Flip angle	11			autoshim	On
BW1	31.25			Range / Prescription	
				slices per slab	200
				field of view	27.0
				slice thickness	1.2
				number of slices	1



SERIES 5. AXIAL FLAIR

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	AXIAL	Frequency	256
Gradient Mode	ZOOM	Mode	2D	Phase	256
Scan Timing		Pulse sequence	T2flair	NEX	1.00
Number of echoes	1	Imaging Options	EDR, Fast	phase correct	No
TE	147.0	Additional Parameters		swap phase & frequency	A/P
TR	11000.0			autoshim	Auto
TI	2250			Range / Prescription	
BW1	31.25			field of view	22.0
				slice thickness	5.0
				slice spacing	0.0
				number of slices	42



SERIES 6. Axial T2star

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	AXIAL	Frequency	256
Gradient Mode	ZOOM	Mode	2D	Phase	192
Scan Timing		Pulse sequence	Gradient Echo	NEX	1.00
Number of echoes	1	Imaging Options	FC, EDR	phase field of view	1.00
TE	20.0	Additional Parameters		phase correct	No
TR	650.0			swap phase & frequency	A/P
Flip angle	20			autoshim	Auto
BW1	25.00			Range / Prescription	
				field of view	20.0
				slice thickness	4.0
				slice spacing	0.0
				number of slices	50

SERIES 7. AX DTI**Patient (RF)**

Coil 8HRBRAIN
 Gradient Mode ZOOM

Scan Timing

TE Minimum
 TR 12200.0

Imaging

Scan plane AXIAL
 Mode 2D
 Pulse sequence Spin Echo
 Imaging Options EPI, DIFF, Asset

Additional Parameters**Acquisition Timing**

Frequency 128
 Phase 128
 NEX 1.00
 phase field of view 0.66
 phase correct Yes
 swap phase & frequency R/L
 autoshim Auto

Range / Prescription

field of view 35.0
 slice thickness 2.7
 slice spacing 0.0
 number of slices 59

