

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
Number of echoes	1	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
				number of slices	15

SERIES 2. Sag 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	Additional Parameters		phase correct	No
TI	400			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	
				field of view	30.0
				slice thickness	5.0
				slice spacing	0.0
				number of slices	60

SERIES 4. Accelerated SAG 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, Asset	phase field of view	1.00
TE	Min Full	Additional Parameters		phase correct	No
TI	400			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 T2 Star**

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. Axial DTI

Patient (RF)		Imaging		Acquisition Timing	
Coil	8HRBRAIN	Scan plane	AXIAL	Frequency	128
Gradient Mode	ZOOM	Mode	2D	Phase	128
Scan Timing		Pulse sequence	Spin Echo	NEX	1.00
Number of echoes	1	Imaging Options	EPI, DIFF, Asset	phase field of view	0.66
TE	Minimum	Additional Parameters		phase correct	Yes
TR	14200.0			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

