

GE Systems - Protocol Parameters

GE Parameters	T1	DTI	fMRI	FLAIR (TFLR)	T2	SWI
Protocol	CENTER-TBI	CENTER-TBI	CENTER-TBI	CENTER-TBI	CENTER-TBI	CENTER-TBI
Sequence Name	FSPGR	2D-GE	2D-GE	Cube T2 Flair	Cube T2	SWAN
Sequence Type						
Orientation	Sagittal	Transverse	Transverse	Sagittal	Sagittal	Transverse
Scanner	750W	750W	750W	750W	750W	750W
Software version	D24	D24	D24	D24	D24	D24
FOV	256	256	192	256	256x256	
Freq	256	128	64	256	256	512
Phase	256	128	64	256	256	256
Pixel Size - Freq	1	2	3	1	1	1
Pixel Size - Phase	1	2	3	1	1	0,5
Slice Thickness	1	2	3	1	1	2
Slice Gap	0	0	20%	0		20%
# slices	192	75	32	192	192	72
Locations per Slab						
Freq DIR						
Phase FOV						
Phase Encoding	AP	AP	AP	AP		RL
Slice Oversampling				22,20%		
TR	6212	15550	2500	8000	2000	53,1
TE	2008	74,4	28	135	125	22,4
TE2/Teff		NA				
flip angle	11	90	70		11	15
TI	400			2152		
ETL or EPI Factor						
Halfscan						
Bandwidth	122	3906 Hz/pix	7812 Hz/pix		325 hz/ pix	244 Hz/pix
NEX						
Asset factor						
Fat/Water Suppression	none	fat sat	fat sat	none		none
Acc fact		2	1	2/2		2
b-value						
B1 corrections	on	on	on	on		off
# Diffusion directions						
Slice per Location						
Scan Time (min)						
Recon images	188			188	184	70