

Trade names for Sequences

	SEQUENCES	SIEMENS*	PHILIPS*	GE *
1.	Spin Echo sequences			
	Conventional SE (90° -180° RF pulses)	SE	SE	SE
	Double SE (90° followed by two 180° RF pulses)	PD/T2	PD/T2	PD/T2
	Multi SE (90° followed by multiple 180° RF pulses)	Turbo SE	Turbo SE	Fast SE
	Multi SE with flip-back 90° pulse	RESTORE	DRIVE	FRFSE
	Single-shot Multi SE (Multi SE with half k-space filling)	HASTE	Ultrafast SE	Single Shot FSE
	Radial k-space filling	BLADE	MultiVane	PROPELLER
2.	Gradient Echo Sequences			
	A. <i>Incoherent spoiled TM</i>	FLASH	T1-FFE/TFE	SPGR
	3D versions	3D FLASH VIBE	THRIVE	LAVA FAME
	B. <i>Coherent/Rephased TM</i>			
	1. Post excitation refocused (FID sampled)	FISP	FFE	GRASS
	2. Pre-excitation refocused (Spin echo sampled)	PSIF	T2-FFE	SSFP
	3. Fully refocused (both FID & spin echo sampled)	True FISP	Balanced FFE	FIESTA
3.	Cartilage sensitive sequences (They are not exactly same on all machines but are equivalent in their use)	DESS MEDIC	T2- FFE	MPGR
4.	Inversion Recovery Sequences Short TI (80-150 ms) e.g. STIR Medium TI (200-800 ms) e.g. MPRAGE Long TI (1500-2500 ms) e.g. FLAIR			
5.	Hybrid Combination of SE and GRE	TGSE	GRASE	GRASE
6.	EPI Single shot Multishot-segmented			