

Sequences

	Hitachi	GE	Siemens	Philips	Canon
Spin Echo	SE	SE	SE	SE	SE
Fast Spin Echo/ Turbo	FSE	FSE	TSE (Turbo)	TSE	FSE
Single Shot FSE	Single shot FSE	Single-Shot FSE	HASTE	Single-Shot TSE	FASE
FSE/TSE with 90° Flip-Back Pulse	DE-FSE, DE- FIR	FRFSE	RESTORE	DRIVE	T2 PLUS FSE
3D FSE with Variable Flip Angle	isoFSE	CUBE	SPACE	VISTA	FASE3D mVox
Relaxation Color Map w/ Multi Echo	T2 RelaxMap	Cartigram	MapIT	T2 Color Map	_____
Inversion Recovery	IR, FIR	IR, MPR, FastIR	IR, Turbo IR (TIR)	IR-TSE	IR
Short Tau IR	FIR-STIR	STIR	TIRM	STIR	FastSTIR
Long Tau IR	FIR-FLAIR	FLAIR	Dark Fluid	FLAIR	FastFLAIR
Dual Inversion Recovery	DIR	CUBE	SPACE	Dual-IR TSE	Double IR
True IR / Phase Sensitive IR	Real-IR	_____	TIR	Real IR	Real IR

	Hitachi	GE	Siemens	Philips	Canon
Gradient Echo	GE	GRE	GRE	FFE (Fast Field Echo)	FE (Field echo)
Steady State GE/ Coherent GE	SARGE (SG)	GRASS	FISP	FFE	FFE
RF-Spoiled GE	RSSG	SPGR	FLASH	T1-FFE	T1 FFE
Time Reversed SG/ Steady State Free Precession	TRSG	SSFP	PSIF	T2-FFE	SSFP
Balanced SARGE	BASG	FIESTA	TrueFISP	Balanced FFE	True SSFP
Phase Balanced SARGE / True FISP / Dual Excitation	PBSG	FIESTA-C	CISS	_____	_____
Multi-Echo Combined Gradient Echo	ADAGE	MERGE	MEDIC	M-FFE	mEcho & DUAL 3D
Fast Gradient Echo -2D echo with preparation pulse	RSSG	Fast GRE, Fast SPGR	TurboFLASH	TFE	FFE
Fast Gradient Echo -3D echo with preparation pulse	3D-GEIR	MPRAGE, BRAVO	MPRAGE	3D TFE	3DFFE-IR / MPRAGE
Dixon Method, Fat and Water Separation for TSE	FatSep FSE	FLEX	Dixon TSE	mDixon TSE	WFS (Water Fat Separation)
Iron Concentration T2* (R2*) Mapping	T2* RelaxMap	Star Map	MapIt	mDIXON-Quant	_____
3D Gradient Echo with Volume Interpolated	TIGRE	LAVA-XL	VIBE	THRIVE	3D Quick
Dixon Method, Fat and Water for 3D GRE	FatSep RSSG	LAVA-FLEX	Dixon VIBE	mDIXON TSE	WFS
Susceptibility- Weighted Imaging	BSI	SWAN	SWI	SWip	FSBB (Flow Sensitive Black Blood)
microTE (Ultra-short T2 imaging)	microTE	3D ZTE (research)	uTE (research)	uTE	3D Ortho, Lung

Sequences Cont'd

	Hitachi	GE	Siemens	Philips	Canon
Perfusion					
Dynamic Contrast Perfusion	CE-Perfusion	BrainSTAT	Neuro Perfusion	T2* Perfusion	_____
Arterial Spin Labeling Perfusion	ASL Perfusion	3D ASL (pCASL)	3D ASL (pCASL)	ASL Specialist	ASTAR
Parallel Imaging & Motion Compensation					
Motion Correction with Radial k-space filling	RADAR	PROPELLER	BLADE	Multivane	JET
Radially Motion Compensation combined with Parallel Imaging	RAPID-RADAR	PROPELLER w/ ASSET	BLADE w/iPAT	_____	_____
Motion Free, Free Breathing 3D T1 Imaging	TIGRE NAVI	DISCO Star	StarVibe	VANE XD	QuickStar
Parallel Imaging: Image-based algorithm	RAPID	ASSET	mSENSE	SENSE	SPEEDER
Parallel Imaging: k-space based algorithm	k-RAPID	ARC	GRAPPA	_____	_____
Fast Scanning					
Fast Scanning	QuickScan	HyperWorks	Turbo Suite	_____	SPEEDER
Automated Slice positioning	AutoPose Brain	AIRx / Ready Brain	AutoAlign	Smart Exam	CardioLine, SpineLine, NeuroLine
Dynamic Imaging					
Dynamic contrast enhanced 3D with k-space ordering	FatSep-TRAQ	DISCO	FREEZEit	4D Thrive	Centric / Swirl
Free-Breathing dynamic contrast body imaging	FatSep-NAVI	LAVA-Flex	Star-Vibe	Stack of Stars	_____
Dynamic contrast enhanced 3D with compressed sensing	_____	Hypersense LAVA	GRASP VIBE	CS THRIVE	_____
High-Resolution Bilateral Breast Imaging	TIGRE	VIBRANT-XV	IEWS	BLISS	RADIANCE
Contrast Bolus Timing / Visualization	FLUTE	Smart Prep	CAREBolus	BolusTrak	Visual Prep

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Diffusion Weighting					
Diffusion-weighted Imaging	DWI	DWI	DWI	DWI	DWI
Body Diffusion	Body DWI	eDWI	REVEAL	DWIBS	Body Vision
Multishot Diffusion	DWI	MUSE	RESOLVE	DWI with segmented EPI	FASE DWI
Calculated DWI	Calculated DWI (cDWI)	MAGiC-DWI	Computed b-values	Computed DWI (cDWI)	Computed DWI (cDWI)
Diffusion Tensor Weighting/Imaging	DTI	DTI	DTI, MDDW	DTI	DTI
Quiet Scanning					
Quiet Scanning	SoftSound	Silent Scan	Quiet Suite	ComforTone	Pianissimo Zen Quiet
Vascular					
Time of Flight	TOF	ToF, Inhance Inflow	ToF	Inflow	TOF
Phase Contrast MRA	PC-MRA	PC, Inhance Velocity	PC	PC	PC
Dynamic MRA with k-space sharing	TRAQ	Tricks-XV	Twist	Keyhole(4-D TRAK)	DRKS
Non-Contrast MR Angio, FSE-based	VASC-FSE	Inhance Deltaflow	Native SPACE	TRANCE	FBI, CIA
Non-Contrast MR Angio True Fisp Based	VASC/VASC-ASL	Inhance Flow IR	NATIVE-TrueFisp	B-TRANCE	Time-SLIP
Metal Artifact Reduction (MAR)					
Metal Artifact Reduction	HiMAR	MAVRIC	WARP	OMAR	_____
Spectroscopy					
Single / Dual Voxel	SpectroSuite	PROBE	Spectroscopy	Spectroscopy	_____
Chemical Shift Imaging	CSI	PROBE 2D CSI	2D/3D CSI	Spectroscopy	CSI
Prostate Spectroscopy	_____	PROSE	3D CSI	Prostate Spectroscopy	MRS CSI-Multi Voxel
Breast Spectroscopy	Breast MRS	BREASE	GRACE	Breast Spectroscopy	MRS CSI-Multi Voxel

Sequence Parameters A-Z

(Listed are only those that are not the same across all vendors)

	Hitachi	GE	Siemens	Philips	Canon
Bandwidth	Bandwidth [kHz]	Receive Bandwidth [kHz]	Bandwidth [Hz/Px]	Fat/Water Shift [Pixel]	Bandwidth [Hz/Px]
Delay after R Wave	Delay Time	Trigger Delay, TD	Trigger Delay, TD	Trigger Delay, TD	Delay Time
Distance Between Slices	Slice interval	Gap	Distance Factor (% of slice thickness)	Gap	Gap
Field of View (FOV)	FOV [mm]	FoV [cm]	FoV [mm]	FoV [mm]	FOV
Frequency Oversampling	Anti-Aliasing	Anti-Aliasing	Oversampling	Frequency Oversampling	No Wrap (RO)
Gradient Moment Nulling	Rephase	Flow Comp	Flow Comp/ GMR	Flow Comp/ Flag	FC (Flow Comp)
Half Fourier Imaging	Half Scan	1/2 NEX, Fractional NEX	Half Fourier	Half Scan	AFI
Image Sync with ECG	ECG Gating	Cardiac Gated/ Triggering	ECG Triggered	ECG Triggered/ VCG	Cardiac Gated
Inter-Echo Spacing (TSE, EPI)	Inter-Echo Time [IET]	Echo Spacing	Echo Spacing	Echo Spacing	Echo Spacing
Magnetization Transfer Contrast	MTC	MTC	MTC, MTS	MTC	MTC, SORS-STC
Moving Sat Pulses	Walking Presat	Walking Sat	Travel Sat	Travel REST	Spatial PreSat
Number of Echoes	Echo Factor	Echo train length (ETL)	turbo factor	turbo factor	Echo Factor
Number of Echoes - EPI sequence	Echo Factor	ETL	EPI factor	EPI factor	Echo Train Length (ETL)
Number of Signal Averages	NSA	NEX	Averages	NSA	NAQ

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Partial echo	Half Echo	Partial Echo	Asymmetric Echo	Partial Echo	Matched Bandwidth
Patient Orientation Sequence	Scanogram	Localizer	Scout	Survey	Locator
Phase oversampling	Anti-Aliasing	No Phase Wrap	Phase Oversampling	Fold over Suppression	No Wrap (PE)
Prep-Pulse-Chemically	FatSat	Fat Sat	Fat Sat	SPIR	FatSat
Prep-Pulse Fat Sat Inversion	STIR	SPECIAL, ASPIR	SPAIR	SPAIR	SPAIR
Prep-Pulse-Spatially	Presat	SAT	Presat	REST	Pre Sat
Rectangular FOV	RectFOV	PHASE FOV (PFOV)	FOV Phase/ Rectangular FOV	PFOV	_____
Scan Measurement Time	Scan Time	Acquisition Time	Acquisition Time (TA)	Scan Time	Acquisition Time
Segmented k-space	Segments	Views per Segment	Lines/ Segments	Views/ Segment	Segments
Shifting Slices Off Center	Off Center FOV	Off Center FOV	Off Center Shift	Off Center FOV	Phase & Frequency Shift
Signal Intensity Correction	NATURAL	SCIC/SCENIC	Normalize	Homogeneity Correction	Intensity Correction (IC)
Simultaneous Excitation	Dual Slice	Hyperband	Simultaneous Excitation	Multiband	Multiband SPEEDER
Time Between Echos	Inter Echo Time (IET)	echo spacing	echo spacing	echo spacing	ETS (Echo Train Spacing)
Variable Bandwidth	Variable Bandwidth	Variable Bandwidth	Optimized Bandwidth	Optimized Bandwidth	MBW (Matched Bandwidth)
Water Excitation	Water Excitation	Spectral Spatial RF	Water Excitation	PROSET	WET