

Sequence Name	Synopsis	Application
AAL_Scout	3D Scout	Scout/Localizer
CV, CV_NAV	True FISP with navigator option	Cardiac Imaging
CISS	Constructive Interference in Steady-State. A gradient echo stimulated T <sub>2</sub> echo using TrueFISP	High resolution T <sub>2</sub> weighted MRI
CSI_SE, CSI_ST, CSI_FID	Chemical shift imaging (CSI) with spin echo, stimulated echo and FID options	Spectroscopic imaging
DESS	Double echo steady state	Joint & prostate imaging
EP_SEG_FID EP_SEG_SE	Gradient echo and spin echo segmented EPI	Fast structural imaging
EP2D_BOLD	Gradient echo EPI	fMRI
EP2D_DIFF	Fast (EPI-based) diffusion-weighted or tensor imaging	Tractography, molecular self-diffusion
EP2D_FID, EP2D_PACE, EP2D_SE	2D EPI. PACE includes 2D motion correction	Fast imaging
EP2D_PASL	Pulsed ASL (PASL)	Perfusion
EP2D_pCASL	Pseudo continuous ASL (pCASL)	Perfusion
FID	Simple FID acquisition	Spectroscopy
FL_FQ	Flow quantification of vasculature	Velocimetry
FL_PC	Phase contrast GRE	Angiography
FL_PERI_TOF, FL_TOF	GRE Time of flight imaging	Angiography
FL3D_CE, FL3D_CE_NAV, FL3D_RD,	3D FLASH for exogenous (Gd) perfusion imaging	DCE Perfusion, Angiography
FL3D_VIBE	Volumetric Interpolated Breath-hold	Structurals
GRE	Conventional GE imaging	Structurals, field mapping, T <sub>2</sub> * imaging
HASTE	Single shot fast spin echo imaging	Breathheld T <sub>2</sub> weighted Structurals
MEDIC	Multi-echo data image combination	Structurals
PSIF	Steady-state GRE/SE sequence	T <sub>2</sub> * or T <sub>2</sub> weighted imaging
SE, SE_15B130, SE_20RB130HF, SE_MC	Spin Echo imaging	Structurals
SVS_SE, SVS_ST	Single voxel spectroscopy with spin or stimulated echoes similar to PRESS.	Spectroscopy
TFL, TFL_CB	Turbo FLASH including MPRAGE	Structurals, Angiography, T <sub>2</sub> * mapping
TPI	Twisted Projection Imaging (by special request only)	Multinuclear imaging
TRUFI	True FISP Steady-state free precession.	Angiography, Cardiac
TSE, TSE_NAV, TSE_VFL	Turbo spin-echo (TSE)	Structurals

CE: Contrast Enhanced, CISS: Constructive Interference in Steady-State, CSI: Chemical-Shift Imaging, DWI: Diffusion-Weighted Imaging, DTI: Diffusion tensor imaging, EPI: Echo Planar Imaging, FID: Free Induction Decay, FISP: Fast-Imaging in Steady-state Precession, FLASH: Fast Low-Angle SHot, GRE: Gradient-Recalled

Echo, HASTE: Half-Fourier Single Shot Turbo Spin Echo, MPRAGE: Magnetization-Prepared RAapid Gradient-Echo, NAV: Navigator Echo, PACE: Prospective Acquisition Correction, PRESS: Point-RESolved Spectroscopy, SE: Spin-echo, TOF: Time-of-flight