

MRV Protocol Sequence Description

MRV Spencer Protocol Sequence Description (in GE terms)	Generic Term	GE	Siemens	Philips	Toshiba	Hitachi
Sagittal T2 FRSFSE FS (for female pelvic anatomy) 24 FOV; slice 4 skip 1	Fast SE	FSE	TSE	TSE	FSE	FSE
Axial 2D T2 FIESTA FOV to habitus; slice 5 skip 1; include top of kidneys through entire pelvis	Balanced GE	FIESTA, COSMIC	TrueFISP/Turbo FISP	Balanced FFE	True SSFP	Balanced SARGE, BASG
Coronal LAVA Pre Contrast FOV about 40; slice 4.4; include top of kidneys through entire pelvis	Ultra fast GE	LAVA-XV	VIBE	THRIVE	3D Quick	TIGRE
Axial LAVA 5 min post contrast FOV to habitus; slice 4.0, ensure adequate overlap so not compromising aortic bifurcation	Ultra fast GE	LAVA-XV	VIBE	THRIVE	3D Quick	TIGRE
Coronal LAVA 6 minute post contrast FOB about 40; slice 4.4; include top of kidneys through entire pelvis	Ultra fast GE	LAVA-XV	VIBE	THRIVE	3D Quick	TIGRE
TRICKS Coronal quiet breathing starting 8 seconds after contrast and continuing for 2 minutes with time resolution of 3-5 seconds	MR angiography	TRICKS-XV	TWIST	Keyhole (4D_TRAK)	DRKS	TRAQ
If the above TRICKS type sequence not available, coronal LAVA post contrast FOV 40; slice 4.4; include top of kidneys through pelvis and image at 30, 70, 90, and 120 seconds	Ultra fast GE	LAVA-XV	VIBE	THRIVE	3D Quick	TIGRE