

MR Renal (W/ Contrast - Routine)

Last Updated: 9/2/2025

Name	Plane	Sequence
AX T2 Single Shot	Axial	T2 Single Shot (AKA: SS TSE / HASTE)
COR T2 Single Shot	Coronal	T2 Single Shot (AKA: SS TSE / HASTE)
AX T2 FATSAT	Axial	T2 FAT SAT FRFSE (AKA: RESTORE / DRIVE)
AX DWI	Axial	DWI (b=1000)
AX T1	Axial	DUAL ECHO IN/OUT PHASE GRE
AX DYNAMIC GAD	Axial	LAVA 3D GRE FAT SAT DYNAMIC (AKA: THRIVE / VIBE) [up to 5 min]
COR GAD	Coronal	LAVA DELAY (AKA: THRIVE / VIBE)
AX SUBTRACT	Axial	LAVA (AKA: THRIVE / VIBE) SUBTRACTION PRECONTRAST:3 MINUTE POST CONTRAST

Notes:

- The LAVA sequence is set on multiphase 6 sets. Run the first one before contrast injection.
- Pre, art, late art, portal venous phase, equilibrium 3min, and 5 min delay.
- For use in cases of renal insufficiency, see [RENAL \(W/O Contrast\)](#).