

## BRAIN MRA

**Revised:** 10/2018

**CPT Code:** 70544 (non contrast)

70545 (contrast)

**Indications:** Arterial occlusion, aneurysm, AVM

**Contrast:** As Ordered/Indicated

### Preferred Scanner-Any Scanner (3T for Neuro patients)

#### NON CONTRAST:

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
COR	2D PC	45	0	N	200	Coverage of entire COW	VENC 1= 45 VENC 2= 45 VENC 3= 45
AX	3D TOF	.8	-36	N	200	Coverage of entire COW from the corpus callosum to the line of the foramen magnum	

#### CONTRAST:

Plane	Sequence	Slice (mm)	Gap (mm)	FAT SAT	FOV (mm)	Scan Range	Notes
COR	2D PC	45	0	N	200	Coverage of entire COW	VENC 1= 45 VENC 2= 45 VENC 3= 45
INJECT CONTRAST							20 sec delay after contrast before starting 3D TOF
AX	3D TOF	.8	-36	N	200	Coverage of entire COW from the corpus callosum to the line of the foramen magnum	

### POST PROCESS MIPS-ENTIRE, TUMBLE, POSTERIOR, RT,LT

#### SCAN PLANNING:

