

CSF FLOW

Revised: 10/2018

CPT Code: 70551 (for Aqueduct of Sylvius Eval)
72141 (for Foramen Magnum Eval)

Indications: Chiari malformation

Contrast: NO

Preferred Scanner-3T

| Plane | Sequence | Slice (mm) | Gap (mm) | FAT SAT | FOV (mm) | Scan Range | Notes |
|------------------------|--------------|------------|----------|---------|----------|--|---------|
| SAG | T2 | 3 | .4 | N | 190 | Centered on chiari location, angle parallel to midline spinal cord on coronal | |
| SAG | CINE FLASH 8 | 5 | 0 | N | 220 | Above cerebellum to mid Cspine, angle parallel to midline spinal cord on coronal | VENC 10 |
| Aqueduct: | | | | | | | |
| AX | CINE FLASH 4 | 5 | 0 | N | 135 | Angled Perpendicular to Aqueduct, centered | VENC 10 |
| Foramen Magnum: | | | | | | | |
| AX LOWER | CINE FLASH 4 | 5 | 0 | N | 135 | Above chiari, centered on cord, about level of clivus | VENC 10 |
| AX LOWER | CINE FLASH 4 | 5 | 0 | N | 135 | Below chiari, centered on cord, below cerebellar tonsils | VENC 10 |

POST PROCESS GATED IMAGES

CSF FLOW

SCAN PLANNING:

**FORAMEN MAGNUM



**AQUEDUCT OF SYLVIUS

