

MRV BRAIN WITHOUT & WITH CONTRAST

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|--------------------|---|
| Indications | Venous thrombosis, dural AV fistula, pseudotumor cerebri |
| Localizer | 3 plane scout |

| PLANE | SEQUENCE | FAT SAT | MODE | SLT/SP | FOV | NOTES |
|---------------------------|-----------------|----------------|-------------|----------------|------------|--|
| Sagittal | T1 | | TSE | 5 / 1.5 | 24 cm | must cover entire brain |
| Axial | T1 | | SE | 5 / 1.5 | 24 cm | |
| Axial | T2 | | TSE | 5 / 1.5 | 24 cm | |
| Axial | DWI | | ADC MAP | 5 / 1.5 | 24 cm | B0 and B1000 eADC when available |
| Axial | T2 | | GRE | 5 / 1.5 | 24 cm | Perform your scanner equivalent |
| Coronal | MRV 2D TOF | | 2D TOF | 2 / -0.5 mm | 24 cm | Frontal to occipital |
| Axial | MRV 2D TOF | | 2D TOF | 2 / -0.5 mm | 20 cm | Skull base to vertex |
| Contrast injection | | | | | | |
| Coronal + C | FLAIR | | IR | 5 / 1.5 | 24 cm | whole brain |
| Axial + C | T1 | Y | SE | 5 / 1.5 | 24 cm | |
| Sagittal + C | 3D T1 | | FFE | 5 / 1.5 | 24 cm | scalp to scalp, Perform your scanner equivalent, (FLASH, SPGR, T1 FAST, etc) |
| Coronal + C | MRV 2D TOF | | 2D TOF | 2 / -0.5 mm | 24 cm | Frontal to occipital bone |
| Axial + C | MRV 2D TOF | | 2D TOF | 2 / -0.5 mm | 20 cm | skull base to vertex |

--MIP all MRV's in RIGHT to LEFT rotation 180 degree spin
--MIP all MRV's in Tumble rotation 180 degree spin
--Send source/raw data images