

Supracerebellar infratentorial approach for brainstem cavernous malformation

The posterior portion is better accessed via [supracerebellar infratentorial approach](#), in a semi-sitting position.

In a 3D operative video, we illustrate the technique for the resection of a dorsally located midbrain cavernous malformation. Informed consent was obtained for this procedure. The cavernoma is accessed with the use of a supracerebellar infratentorial approach. The infratentorial craniotomy and coagulation of the superior vermian veins is shown. A description is provided of the use of hemosiderin staining and the intercollicular relative "safe zone"¹ as landmarks for the neurotomy. The technique of cavernoma dissection from the surrounding gliotic plane is shown and described. In this case, the patient required prolonged rehabilitation but fully recovered without residual deficit 1 yr following surgery ¹.

¹

Patel K, Budohoski KP, Olijnyk LD, Bulstrode H, Santarius T, Kirollos RW, Trivedi RA. Infratentorial Supracerebellar Approach for Resection of Midbrain Cavernous Malformation: 3-Dimensional Operative Video. Oper Neurosurg (Hagerstown). 2019 Jun 4. pii: opz114. doi: 10.1093/ons/opz114. [Epub ahead of print] PubMed PMID: 31162594.

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