

Pediatric posterior fossa arteriovenous malformation

Pediatric [posterior fossa arteriovenous malformations](#) (AVMs) are rare entities that pose a significant cumulative lifetime risk of [rupture](#) and require treatment.

Treatment

[Pediatric posterior fossa arteriovenous malformation treatment.](#)

Case reports

Pivazyan et al. presented the operative case of a 6-year-old boy with a small, ruptured [posterior fossa arteriovenous malformation](#). After undergoing [hematoma evacuation](#), the patient underwent microsurgical resection of a small right vermian AVM assisted by the virtual reality platform, Surgical Theater (Gates Mills, OH). The [video](#) demonstrates the utility of a virtual [augmented reality](#) platform for addressing the challenges posed by a small posterior fossa AVM with respect to the need for precise three-dimensional localization of small lesions. The patient consented to the procedure. The participants and any identifiable individuals consented to publication of his/her image ¹⁾.

¹⁾

Pivazyan G, Dowlati E, Phan TN, Davidson L, Oluigbo C, Mai JC, Keating RF. Facilitation of Pediatric Posterior Fossa Vascular Malformation Resection Using Virtual Reality Platform: 2-Dimensional Operative Video. Oper Neurosurg (Hagerstown). 2022 Mar 8. doi: 10.1227/ONS.0000000000000147. Epub ahead of print. PMID: 35863322.

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