

Cerebellar Arteriovenous Malformation Treatment

see also [Posterior Fossa Arteriovenous Malformation Treatment](#).

In light of the unique [natural history](#) and angioarchitectural characteristics of [cerebellar arteriovenous malformation](#), their management is distinct from [supratentorial arteriovenous malformation](#) counterparts, requiring a more aggressive treatment strategy.

Surgery

Emergency microsurgery is effective in the treatment of ruptured cerebellar AVM ¹⁾.

Approaches

[Occipital transtentorial approach](#) is a valuable approach for specific superior vermician, superomedian cerebellar, and tectal AVMs. Detailed assessment of angiographic features may however preclude its safety as a unique treatment plan, and complementary or alternative therapeutic options should be considered ^{2) 3)}.

Radiosurgery

[Gamma knife radiosurgery for arteriovenous malformation](#)

[Radiosurgery](#) is an effective treatment modality for [Cerebellar Arteriovenous Malformation](#) with relatively limited adverse events. Infratentorial location did not affect radiosurgery outcomes ⁴⁾. Proved to be most effective for patients with smaller and previously nonembolized cerebellar malformations. Hemorrhage during the latency period occurred at a rate of 2.0% per year until obliteration occurred ⁵⁾.

Embolization

[Cerebellar arteriovenous malformation embolization](#).

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