

Spetzler Martin Grade 5

Grade IV or V lesions are only treated in circumstances of progressive neurological deterioration from hemorrhage, vascular steal, or seizure as seen in a case, which had a high risk of rebleeding because of presentation at young age with hemorrhagic episode, large size of the nidus, deep venous drainage pattern and associated aneurysm within the AVM ¹⁾.

Volume-Staged [CyberKnife Stereotactic Radiosurgery](#) for Treatment of [Drug Resistant Epilepsy](#) for a [Spetzler-Martin AVM grading system V Arteriovenous Malformation](#): A Case Report and Review of the Literature ²⁾.

¹⁾

Munakomi S, Bhattarai B, Cherian I. Case Report: Microsurgical excision of grade 5 cerebral AVM. Version 2. F1000Res. 2015 Nov 2 [revised 2016 Jan 1];4:1197. eCollection 2015. PubMed PMID: 27853504; PubMed Central PMCID: PMC5089143.

²⁾

Traylor JL, Johnson GS, Ashour R, Ghafoori P, Buchanan RJ. Volume-Staged CyberKnife Stereotactic Radiosurgery for Treatment of Drug Resistant Epilepsy for a Spetzler-Martin Grade V Arteriovenous Malformation: A Case Report and Review of the Literature. World Neurosurg. 2019 Feb 21. pii: S1878-8750(19)30428-0. doi: 10.1016/j.wneu.2019.01.296. [Epub ahead of print] PubMed PMID: 30797935.

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