

## **ENDOVASCULAR MANAGEMENT OF CNS AV MALFORMATIONS - NEUROSURGICAL PERSPECTIVE**

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Cerebral arteriovenous malformations (AVMs) and dural AV fistulas (dAVFs) are complex high-flow lesions that can result in devastating neurological injury when they cause hemorrhage. Endovascular embolization is a critical component in the management of many patients with cerebral AVMs. Embolization may be used as an independent curative therapy or in an adjuvant fashion prior to either micro- or radiosurgery. Even though recent randomized trials have shed some light on natural history and treatment morbidity for patients with unruptured AVMs, treatment protocols for these patients continue to vary considerably between institutions. We present a single-center experience with endovascular AVM treatment.