

Anterior cranial fossa dural arteriovenous fistula

Anterior cranial fossa [dural arteriovenous fistulas](#) (DAVFs) represent 6% of all [intracranial dural arteriovenous fistulas](#) (DAVFs) and have a high risk of [intracranial hemorrhage](#). To analyze the clinical characteristics and microsurgery treatment of anterior cranial fossa DAVFs, a retrospective review of 21 patients with anterior cranial fossa DAVFs undergoing microsurgery was performed, including 8 bleeding patients and 13 non-bleeding patients. The Glasgow coma scale (GCS) scores were used to evaluate the conscious states of 8 bleeding patients before and after operation. All patients had no obvious complications and the clinical symptoms were improved after operation. No abnormal fistulas and drainage veins were detected by digital subtraction angiography postoperatively. The GCS scores of 8 bleeding patients showed that the conscious states became better than pre-operation. Of the 21 patients, 9 patients were followed up without recurrence. Taken together, microsurgery is an effective method for the treatment of anterior cranial fossa DAVFs and it is very important for the improvement of bleeding patients' conscious states ¹⁾.

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Zhang L, Wang H, Pan Y, Mao L, Ding K, Zhu J. Clinical Characteristics and Microsurgery Treatment of Anterior Cranial Fossa Dural Arteriovenous Fistula. J Craniofac Surg. 2019 Jun 10. doi: 10.1097/SCS.0000000000005661. [Epub ahead of print] PubMed PMID: 31188243.

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