

Giant Anterior Inferior Cerebellar Artery Aneurysm

The [anterior inferior cerebellar artery aneurysms](#) are rare lesions whose treatment can be challenging. There are only a few previous reports of surgical treatment for such lesions.

Nguyen et al. presented a case of a basilar-AICA aneurysm undergoing surgery with the [combined transpetrosal approach](#).

A 58-year-old female patient presented clinical signs including headache, diplopia, and right hemiparesis. The radiological imaging showed a basilar-AICA aneurysm measuring 25 × 19 mm. The patient was operated via left combined transpetrosal approach. The outcome was graded mRankin 1. Follow-up computerized tomographic angiography showed no aneurysmal residual and total preservation of basilar artery.

Surgical indication's purposes were aneurysmal elimination and reduction of mass effect. Combined transpetrosal approach: proximal segment control and enough space for clipping manipulation. Clipping techniques: Temporary clip for aneurysmal collapsing, "orienting clip".

Giant basilar-AICA aneurysm is very rare lesion. Combined transpetrosal approach is appropriate for surgical clipping. Good surgical outcome is achieved with complete elimination of aneurysm ¹⁾

Unclassified

Last update December 2019

¹⁾

Nguyen TH, Pham VT, Pham QT, Nguyen Si Anh H, Tran Nhu P, Vo HL. Successful Clipping of a Giant Anterior Inferior Cerebellar Artery Aneurysm with Combined Transpetrosal Approach. Case Rep Neurol Med. 2019 Sep 18;2019:6049573. doi: 10.1155/2019/6049573. eCollection 2019. PubMed PMID: 31641543; PubMed Central PMCID: PMC6766670.

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Last update: **2024/06/07 02:54**

