

Lateral inferior cerebellar peduncle approach

4 patients (3 woman and 1 man) who had a symptomatic dorsolateral brainstem cavernous malformation with radiographic and clinical evidence of hemorrhage, underwent excision via a far lateral suboccipital craniotomy through the foramen of Luschka and with an incision in the cerebellar peduncle. 

On intraoperative examination, 2 of the 4 patients had hemosiderin staining on the surface of the peduncle. All lesions were completely excised and all patients had a good or excellent outcome (modified Rankin Scale scores of 0 or 1).

Case series of Deshmuk et al., illustrates that intrinsic lesions of the dorsolateral medulla can be safely removed laterally through the foramen of Luschka and the inferior cerebellar peduncle ¹⁾.

¹⁾

Deshmukh VR, Rangel-Castilla L, Spetzler RF. Lateral inferior cerebellar peduncle approach to dorsolateral medullary cavernous malformation. J Neurosurg. 2014 Sep;121(3):723-9. doi: 10.3171/2014.5.JNS132276. Epub 2014 Jun 27. PubMed PMID: 24972129.

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