

Meningiomas within the cisterna magna without dural attachment are extremely rare.

Only three cases of meningiomas within the cisterna magna have been reported in the literature.

Kohta et al. present two cases of patient with the cisterna magna meningioma without dural attachment. (Case 1) A 36-year-old female presented with a 10-month history of numbness in the left hand. Magnetic resonance imaging (MRI) disclosed the presence of a contrast-enhanced tumor in the posterior fossa. A suboccipital craniectomy was performed, and the tumor located within the cisterna magna with no attachment to the dura. Diagnosis is made as clear cell meningioma. The postoperative course was uneventful, and a recurrence has not been observed for three years. (Case 2) A 58-year-old man presented with a well-circumscribed mass in the posterior fossa. At surgery, the tumor located within the cisterna magna with a connection to the right tenia. The tumor was totally removed without neurological deficits. At a 7-year follow-up, no evidence of a recurrence was observed. It is quite difficult to preoperatively diagnose as a cisterna magna meningioma without dural attachment. However, complete removal of the tumor should be achieved ¹⁾.

¹⁾

Kohta M, Sasayama T, Nakai T, Taniguchi M, Nagashima H, Tanaka K, Mizukawa K, Itoh T, Kohmura E. Cisterna magna meningiomas without dural attachment: Report of two cases. *Neurol Neurochir Pol*. 2017 Mar 2. pii: S0028-3843(17)30099-3. doi: 10.1016/j.pjnns.2017.02.003. [Epub ahead of print] PubMed PMID: 28279513.

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