

# Hemorrhagic Epidermoid Cyst

[Intracranial epidermoid cysts](#) are slow-growing congenital avascular neoplasms that spread across the basal surface of the brain. They most commonly occur in the paramedian region in the [cerebellopontine angle](#) and the [parasellar region](#). Despite its generally benign nature, sporadically they can be accompanied by hemorrhage or very rarely undergo malignant transformation.

Kozák et al. presented a [case report](#) of a patient with a hemorrhagic vermian epidermoid cyst and a review of all published similar cases <sup>1)</sup>.

A 62-year-old woman with a frontal [epidermoid cyst](#) with a [hemorrhage](#) and [tumor growth](#). A series of atypical radiological findings showed gradual changes in the lesion appearance that were confirmed with surgery and histopathology. To avoid surgical complications such as [chemical meningitis](#), it is important to remember that epidermoid cysts occasionally bleed, leading to atypical MRI and/or CT findings and diagnostic difficulties. The development of epidermoid cysts in atypical locations in the brain may result in challenges to accurate diagnosis <sup>2)</sup>.

<sup>1)</sup>

Kozák J, Šurkala J, Novotný M, Švajdler M. Hemorrhagic [Epidermoid Cyst](#) in Cerebellar [Vermis](#): [Case Report](#) and [Review](#) of the [Literature](#). J Neurol Surg Rep. 2021 Jan;82(1):e6-e10. doi: 10.1055/s-0041-1726286. Epub 2021 Mar 31. PMID: 33816050; PMCID: PMC8013783.

<sup>2)</sup>

Akahoshi M, Yanaka K, Watanabe D, Nakamura K, Zaboronok A, Ishikawa E, Matsumura A. Atypical chronological changes on neuroimaging in the epidermoid in the frontal lobe with intracystic hemorrhage and tumor growth: Case report. Radiol Case Rep. 2018 Sep 13;13(6):1133-1136. doi: 10.1016/j.radcr.2018.07.022. PMID: 30233744; PMCID: PMC6138860.

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