

Intracranial Subependymoma

see [Intraventricular Subependymoma](#).

Intraparenchymal subependymomas are extremely rare; only 6 cases have been reported in English literature. All of them were located in the supratentorial region ^{1) 2) 3)}, and there has been only one report of infratentorial subependymoma ⁴⁾.

Intracranial [subependymomas](#) are rare, mostly [incidentalomas](#) and therefore did not receive much attention in previous [literature](#).

Many supratentorial subependymomas appear to be centered in the cortex or subcortical white matter. Therefore, a lack of ventricular involvement does not exclude subependymoma from the differential diagnosis.

By being classified as benign grade I in the [World Health Organization Classification of Tumors of the Central Nervous System](#), they are given a special status compared to the other [ependymal tumors](#). [Tumor recurrences](#) are a rarity, spinal “[drop metastases](#)” do not occur. While etiological, pathological and therapeutic characteristics have been subject of several [publications](#) over the last few decades and have meanwhile been well studied, the imaging characteristics are much less well received ⁵⁾.

Differential diagnosis

see [Subependymoma Differential Diagnosis](#)

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Natrella F, Mariottini A, Rocchi R, Miracco C. Supratentorial neurenteric cyst associated with a intraparenchymal subependymoma. *BMJ Case Rep*. 2012;2012

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Hankey GJ, Davies L, Gubbay SS. Long term survival with early childhood intracerebral tumours. *J Neurol Neurosurg Psychiatry*. 1989;52:778–781.

³⁾

Shuangshoti S, Rushing EJ, Mena H, Olsen C, Sandberg GD. Supratentorial extraventricular ependymal neoplasms: a clinicopathologic study of 32 patients. *Cancer*. 2005;103:2598–2605.

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Kim Y, Lee SY, Yi KS, Cha SH, Gang MH, Cho BS, Lee YM. Infratentorial and intraparenchymal subependymoma in the cerebellum: case report. *Korean J Radiol*. 2014 Jan-Feb;15(1):151-5. doi: 10.3348/kjr.2014.15.1.151. Epub 2014 Jan 8. Review. PubMed PMID: 24497806; PubMed Central PMCID: PMC3909849.

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Kammerer S, Mueller-Eschner M, Lauer A, Luger AL, Quick-Weller J, Franz K, Harter P, Berkefeld J, Wagner M. Subependymomas - Characteristics of a “Leave me Alone” Lesion. *Rofo*. 2018 Jun 18. doi: 10.1055/a-0576-1028. [Epub ahead of print] PubMed PMID: 29913520.

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