Neurocytoma

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Synonyms

[Central neurocytoma](#)

Definition

Neurocytomas are rare tumors that grow in the intraventricular or periventricular regions. The foramen of Monro and the septum pellucidum are common sites of occurrence. In rare cases, they have been reported in the spinal cord. They occur mostly in the third and fourth decades of life but can be seen at other ages. Neurocytomas are usually classified as grade II tumors and histologically appear similar to oligodendrogliomas. Most are well differentiated and benign. Symptoms are typically the result of mass effect or raised intracranial pressure and can include nausea, headaches, vomiting, mental status changes, and

vision problems. On rare occasions, more severe symptoms can occur and may include seizures, dementia, and intraventricular hemorrhage. Surgery is often the first line of intervention and postoperative prognosis is usually favorable.

Cross-References

- [Brain Tumor](#)
- [Mass Effect](#)
- [Neoplasms](#)
- [Oligodendroglioma](#)
- [Tumor Grade](#)

References and Readings

- Figarella-Banger, D., Söylemezoğlu, K. P., & Hassoun, J. (2000). Central neurocytoma. In P. Kleihues & W. K. Cavenee (Eds.), *World Health Organization tumor of the nervous system: Pathology and genetics*. Lyon: IARC.
- Sharma, M. C., Deb, P., Sharma, S., & Sarkar, C. (2006). Neurocytoma: A comprehensive review. *Neurosurgical Review*, 29(4), 270–285.