

Pineal region intravascular papillary endothelial hyperplasia

Intracranial intravascular papillary endothelial hyperplasia (IPEH), also referred to as **Masson's tumor**, is a condition that rarely occurs in the nervous system. IPEH most frequently occurs extracranially in the skin of the face, skull, neck, and trunk and can easily be mistaken clinically, radiologically, and histologically for **angiosarcoma**, organizing hematoma, or other vascular malformations. IPEH accounts for roughly 2% of all vascular tumors and is extremely rare intracranially, with only 23 reported cases compared with more than 300 cases of IPEH occurring in the skin and subcutaneous tissue.

Charalambous et al. reported the case of a patient with an IPEH in the pineal region who underwent complex resection and experienced reversal of neurological symptoms ¹⁾.

There has been only one previous report of **intravascular papillary endothelial hyperplasia** occurrence in the **pineal region**. Retzlaff et al. from **Milwaukee** reported a second case and a review of the literature ²⁾.

References

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Charalambous LT, Penumaka A, Komisarow JM, Hemmerich AC, Cummings TJ, Codd PJ, Friedman AH. Masson's tumor of the pineal region: case report. J Neurosurg. 2018 Jun;128(6):1725-1730. doi: 10.3171/2017.2.JNS162350. Epub 2017 Aug 4. PubMed PMID: 28777021.

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Retzlaff AA, Arispe K, Cochran EJ, Zwagerman NT. Intravascular Papillary Endothelial Hyperplasia of the Pineal Region: A Case Report and Review of the Literature. World Neurosurg. 2019 Sep 13. pii: S1878-8750(19)32452-0. doi: 10.1016/j.wneu.2019.09.022. [Epub ahead of print] PubMed PMID: 31525486.

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