

Tuberculum Sellae Meningioma Classification

Three distinct anatomical patterns were recognized: exclusively tubercular meningiomas (type A) were accompanied by elongation of the tuberculum-sellar floor interval (TSFI) and, more significantly, of the planum-tuberculum interval (PTI); combined tuberculum sellae (TS) and diaphragma sellae (DS) meningiomas (type B) were associated with relative elongation of both the PTI and TSFI; and the sole exclusively DS meningioma (type C) was associated with elongation of neither PTI nor TSFI.

Suprasellar meningiomas can be classified as tubercular, combined, or diaphragmatic based on preoperative MRI. Exclusively tubercular meningiomas (type A) require only a supradiaphragmatic approach. Tumor involvement of the sellar diaphragm (type B or C) requires resection of the diaphragm and thus a combined infra- and supradiaphragmatic approach ¹⁾.

¹⁾

Ajlan AM, Choudhri O, Hwang P, Harsh G. Meningiomas of the tuberculum and diaphragma sellae. J Neurol Surg B Skull Base. 2015 Feb;76(1):74-9. doi: 10.1055/s-0034-1390400. Epub 2014 Sep 29. PubMed PMID: 25685653; PubMed Central PMCID: PMC4318732.

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