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## Tumor-to-tumor metastasis inside a meningioma

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Tumor-to-tumor metastasis (TTM) is defined as the hematogenous metastasis within a primary host tumor from a donor neoplasm. Although the precise mechanism of TTM is still unclear, it has been reported in the literature for over a century <sup>1)</sup>

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There is a difference between **Tumor-to-tumor metastasis** and **collision tumors**. The former implies a recipient role of the host tumor, and the latter refers to a co-localization of two different tumors that grow into one another, both being in the same organ. **Tumor-to-tumor brain metastasis** is a well-described **phenomenon** but with unclear **pathophysiology**. Deeper knowledge could be beneficial for its **management** <sup>2)</sup>.

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lung cancer and breast cancer are the most common donor tumors in TTM <sup>3) 4) 5)</sup>.

<sup>1)</sup>

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<sup>2)</sup>

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<sup>3)</sup>

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<sup>4)</sup>

Turner N, Kaye AH, Paldor I. Metastases to meningioma-review and meta-analysis. Acta Neurochir (Wien) 2021;163:699-709.

<sup>5)</sup>

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