

Radiographic features

see [Intraventricular tumor diagnosis](#).

On the brain [MRI](#) with and without contrast, intraventricular meningioma appears as a solid, well-circumscribed mass, iso- or hypointense on T1 and T2-weighted images, and showing homogeneous contrast enhancement.

Their [signal](#) and attenuation characteristics are the same as other meningiomas, demonstrating essentially [isodense](#) and [intensity](#) to [grey matter](#) precontrast and vivid, usually homogeneous enhancement following administration of [contrast](#). Compared to [extra-axial](#) meningiomas, a greater proportion is calcified (50% compared to 20% for standard meningioma).

The vascular supply depends on the location but generally is from the arterial supply of the adjacent [choroid plexus](#) ¹⁾.

¹⁾

Pereira B, de Almeida A, Paiva W et al. Natural history of intraventricular meningiomas: systematic review. (2020) Neurosurgical review. 43 (2): 513-523

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