

Cerebellopontine angle hemangioblastoma diagnosis

A [Cerebellopontine angle hemangioblastoma](#) looks like an extra-axial lesion, such as a [vestibular schwannoma](#) (VS) or a [cerebellopontine angle meningioma](#), on a radiological image. Seventy to 75% of HBMs have cystic or multi-cystic forms.

The characteristics of solid variants of HBMs are similar to those of [intracranial arteriovenous malformations](#) (AVMs).

Although it is rare, [cerebellopontine angle hemangioblastoma](#) should be one of the differential diagnoses when dealing with solid [cerebellopontine angle lesions](#) with high contrast enhancement and heterogeneity on T2-weighted MRI. Analysis of the radiological characteristics allows a greater chance of confirmation and is one of the main tools for surgical planning ¹⁾.

A case of hemangioblastoma of the CPA evaluated by pseudocontinuous [arterial spin labeling](#) (pCASL). The high rate of tumor blood flow determined using pCASL provided additional useful information for the differential diagnosis of the CPA tumors in this patient ²⁾.

¹⁾

Pamela Ferreira Neto B, Martins Barreto Santana J, Dornellys da Silva Lapa J, Cristina de Souza Melo T, Maynard Pereira Oliveira A. Noncystic cerebellopontine angle hemangioblastoma: A case of an atypical location [published online ahead of print, 2020 Aug 29]. Int J Surg Case Rep. 2020;74:234-237. doi:10.1016/j.ijscr.2020.08.028

²⁾

Kishi S, Maeda M, Kogue R, Umino M, Matsubara T, Sakuma H. Hemangioblastoma of the Cerebellopontine Angle Evaluated with Pseudocontinuous Arterial Spin Labeling [published online ahead of print, 2020 Mar 4]. Magn Reson Med Sci. 2020;10.2463/mrms.ici.2020-0011. doi:10.2463/mrms.ici.2020-0011

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