

## CEREBELLAR CRYPTOCOCCOMA SIMULATING METASTATIC NEOPLASM

We read with great interest the paper of Sillero-Filho et al., entitled "Cerebellar cryptococcoma simulating metastatic neoplasm", published recently in *Arquivos de Neuropsiquiatria*<sup>1</sup>. The authors described a 46 year-old male patient with left cerebellar hemispheric tumor-like lesion who had an initial diagnostic hypothesis of cerebellar metastatic lesion or even piogenic cerebellar abscess. After the surgical removal of the mass lesion, pathological examination revealed a cerebellar cryptococcoma. The authors emphasized that this was the first case of a solid cryptococcal mass lesion reported in Brazil<sup>1</sup>. In truth, Sion et al. presented in 1988, during the 13<sup>th</sup> Brazilian Congress of Neurology, a case report of a young female patient, with posterior fossa cryptococcomas, particularly in the cerebellum. The diagnosis was confirmed after necropsy examination<sup>2</sup>. On the other hand, there are several reports in the world literature of infectious granulomas, simulating posterior fossa tumor, besides cerebellar cryptococcoma, such as paracoccidioidomycosis granuloma<sup>3</sup>, cerebellar aspergiloma<sup>4</sup>, and cerebellar tuberculoma<sup>5</sup>. Then, the differential diagnosis of posterior fossa tumoral lesion should be expanded and include several other infectious granulomas, particularly fungic granulomas.

### REFERENCES

1. Sillero-Filho VJ, Martins de Souza AB, Vaitsman RP, et al. Cerebellar cryptococcoma simulating metastatic neoplasm. *Arq Neuropsiquiatr* 2009;67:290-292.
2. Sion J, Bleggi-Torres LF, Minguetti G, Teive HAG, Arruda WO, Telles FQ. Criptococose de fossa posterior: relato de caso. *Arq Neuropsiquiatr* 1988;46(Suppl):S210.
3. Teive HAG, Arruda WO, Ramina R, Meneses MS, Bleggi-Torres LF, Telles-Filho FQ. Paracoccidioidomycosis granuloma simulating posterior fossa tumour. *J Royal Soc Med* 1991;84:562-563.
4. Erdogan E, Beyzadeoglu M, Arpacı F, Celasun B. Cerebellar aspergillosis: case report and literature review. *Neurosurgery* 2002;50:874-876.
5. Alzal M, Qureshi SM, Ghaffar A, et al. Cerebellar tuberculosis mimicking posterior cranial fossa tumour. *J Coll Physicians Surg Pak* 2007;17:761-763.

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