

Peripontomedullary hydatid cyst



Even when [Hydatid cyst](#) is found in the [brain](#) it presents usually in the [supratentorial](#) compartment. However this case was unique in having the Hydatid cyst within the [infratentorial](#) fossa. With multiple small [cysts](#), causing [mass effect](#) and challenging for surgical [resection](#).

A 44 years [female](#) presented with [headache](#), [diplopia](#) and [bulbar symptoms](#), followed by [ataxia](#). Full [examination](#), proper [investigations](#) showed the [peripontomedullary](#) hydatid cysts. Surgical management is illustrated.

It is still challenging for the [neurosurgeons](#) to operate on these [lesions](#) in spite of modern technologies and fancy [approaches](#) due to its delicate nature, associated [risk](#) of [allergic reaction](#), cyst's material [dissemination](#) and irreversible [injury](#) of multiple neurological structure due to prolonged [compression](#) of [cranial nerves](#) crossing the [cerebellopontine angle](#).

In this case report Alkhotani et al., from the [King Faisal Specialist Hospital and Research Center](#), present a rare case of Multiple Hydatid cysts involving a rare location in the brain; peripontomedullary area and extending all the way down to the [foramen magnum](#). Supported with a [literature review](#) in relation to disease [etiology](#), [epidemiology](#), clinical presentation and [management](#) ¹⁾.

¹⁾

Alkhotani A, Butt B, Khalid M, Binmahfoodh M. Peripontomedullary hydatid cyst: Case report and literature review. Int J Surg Case Rep. 2019 Jan 18;55:23-27. doi: 10.1016/j.ijscr.2019.01.003. [Epub ahead of print] PubMed PMID: 30710875.

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