

Interhemispheric arachnoid cyst

Noncommunicating interhemispheric [cysts](#), such as [interhemispheric arachnoid cyst](#) or [ependymal cyst](#), with callosal agenesis are also in the second category. A careful review of embryologic development is essential for understanding these midline cysts and for making a more accurate radiologic diagnosis ¹⁾.

Case series

Two cases of symptomatic interhemispheric [arachnoid cyst](#) (IHAC) in the elderly, both extending into the frontoparietal region. Both patients presented with more than an 8-year history of progressive [hemiparesis](#) and underwent capsule resection in combination with internal drainage to the [pericallosal cistern](#) via the [interhemispheric approach](#). Postoperatively, the cyst cavities were greatly reduced in size, and neurologic signs and symptoms were markedly improved ²⁾.

¹⁾

Utsunomiya H, Yamashita S, Takano K, Ueda Y, Fujii A. Midline cystic malformations of the brain: imaging diagnosis and classification based on embryologic analysis. Radiat Med. 2006 Jul;24(6):471-81. Review. PubMed PMID: 16958432.

²⁾

Watanabe M, Kameyama S, Takeda N, Tanaka R. Two cases of symptomatic interhemispheric arachnoid cyst in the elderly. Surg Neurol. 1994 Oct;42(4):346-51. Review. PubMed PMID: 7974135.

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Last update: **2024/06/07 02:52**

