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P0307 - TRANSCRANIAL CEREBELLAR HERNIATION FOLLOWING CRANIOTOMY

I. Panero Pérez, C. Eiriz Fernández, D. García Pérez, A. Lagares Abascal, Á. Pérez Nuñez and I. Paredes Sansinenea

Hospital 12 de Octubre, Madrid, Spain.

Resumen

Objectives: To report a case of post-surgical encephalocele through craniotomy burr holes following the resection of a meningioma of the posterior fossa. Postoperative trans-cranial herniation through craniotomy without predisposing conditions it is an uncommon complication.

Methods: We report a case of 49-year-old female with history of cephalaea. The CT scan showed a meningioma of the convexity of the posterior fossa. A craniotomy and resection of the lesion was performed without complications. After 30 days the patient consulted in the emergency department referring cephalaea, recurrent vomiting and imbalance. The MRI revealed a trans-cranial cerebellar herniation through craniotomy.

Results: An urgent surgery was performed to repair the encephalocele. Post-surgical MRI showed normal position of the posterior fossa structures. At discharge the patient was asymptomatic.

Conclusions: Post-surgical encephalocele is an uncommon complication that can occur after the resection of a fossa posterior lesion. To best of our knowledge it is the first case reported with this kind of complication.