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P0307 - TRANSCRANIAL CEREBELLAR HERNIATION FOLLOWING CRANIOTOMY

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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 cephalgia. 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 cephalgia, 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.