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Intracranial cystic meningiomas: A rare type of tumours

Ehtesham Ghani and Mahmoud Al-Yamany
King Fahad Medical City, Saudi Arabia

Introduction: Intracranial cystic meningiomas are rare and preoperative diagnosis is difficult. The present study was performed to assess the clinical and radiological outcome of intracranial cystic meningiomas.

Methods: We performed a retrospective analysis of 13 patients (Mean age: 49.9 years) who underwent surgical resection of intracranial cystic meningiomas from January 2006 to February 2014. There were 5 male and 8 female patients. The Glasgow Outcome Scale was used to assess the clinical outcome at 6 months.

Results: Headache was the main presenting clinical feature. Most of the tumours were located on the right side. The frontal convexity was the most common site. Gross total resection was performed in 10 patients. The most common histopathological type was meningothelial variety.

Conclusion: Intracranial cystic meningiomas are usually benign that occur in relatively young patients. Resection of cysts that show contrast enhancement is essential to reduce recurrence.

Biography

Ehtesham Ghani is an Assistant Consultant from the Department of Neurosurgery in National Neuroscience Institute, King Fahad Medical City, Riyadh, Kingdom of Saudi Arabia.

ehteshamghani123@yahoo.com

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