Infratentorial Benign Cystic Meningioma Mimicking A Hemangioblastoma Radiologically & A Pilocytic Astrocytoma Intraoperatively: Case Report

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Abstract

Introduction
Cystic meningiomas are rare variants of meningiomas. They can pose a radiological diagnostic dilemma.

Case presentation
We present a rare case of a 30 year old Chinese female with a histopathological diagnosis of infratentorial cystic meningioma (WHO Grade 1) in whom the features in imaging modalities were suggestive of a hemangioblastoma. Intraoperatively however, the gross macroscopic features were more in keeping with a pilocytic astrocytoma.

Conclusion
In benign cystic meningiomas particularly the infratentorial variety, radiological findings utilizing the various imaging modalities and intraoperative impressions may not be reflective or in keeping with the final histopathological diagnosis.

Keywords
Benign infratentorial cystic meningioma, hemangioblastoma, pilocytic astrocytoma.