Prebulbomedullary arachnoid cyst: Case report and review of literature
Mourad Bouaziz, Sandra Feknous
Department of Neurosurgery, University Hospital of Annaba, Annaba, Algeria

Introduction: Prebulbomedullary arachnoid cyst is exceptional. Only nine cases were reported. Even the pathogenesis of these cysts is unknown.

Materials and Methods: We report the case of an arachnoid cyst of prebulbomedullary in a young man of 24 years; management by the neurosurgery department of the university hospital in Annaba, benefiting a total removal.

He presented with a 3 years history of vertigo, aggravated it a few months ago by headache and vomiting. Clinical examination finds vertigo, weakness of all four limbs and stato-kinetic cerebellar syndrome. Magnetic resonance imaging revealed a prebulbomedullary cystic lesion.

Intervention: The patient was operated by craniectomy of posterior fossa and, opening C1. Cyst was total removed.

Result: The postoperative Evolution was good. The symptoms disappeared. Histological study confirms that it is an arachnoid cyst.

Conclusion: Arachnoid cysts of the bulbomedullary jonction are exceptional, clinical conditions that can cause various neurotologic symptoms. The benefits and risks of surgical treatment should be discussed.

References: