

## **Surgical Management of Cystic Lesions in the Sellar and Suprasellar Region**

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**Abstract :** Introduction: Cystic lesions located in the sellar and suprasellar region cause a diagnostic and therapeutic problem, given their location and their impact on neighboring structures. The patient's symptomatology varies from a simple headache to serious visual and endocrine disorders, involving the functional prognosis, sometimes even the vital prognosis. Surgery in this region remains a therapeutic challenge, and several surgical techniques have been described and used. Material and Methods: We treated 15 patients during the period from 2015 to 2022, whose clinical, biological, radiological, and therapeutic characteristics will be presented in detail in this work, and in whom the surgical technique differs from one case to another. Conclusion: We will discuss in this work the different techniques used to treat these lesions and the different objectives to be achieved for each case, as well as the complications and our conduct to be taken per and post-operative.

**Keywords :** cystic lesions, adenomas, sellar and suprasellar region, neuroendoscopy

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