

PRIMARY EXTRACRANIAL MENINGIOMA IN THE FORM OF NASAL POLYPS

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Introduction. From 6% to 17% of all meningiomas are located outside the central nervous system. Primary extracranial meningiomas comprise 2% of all meningiomas. Primary meningiomas of the nose and sinuses are extremely rare.

Aim. To present the case of primary extracranial meningioma of the nasal cavity in the form of nasal polyps.

Materials and methods. A 33-year old male was admitted to the Department of Otolaryngology and Oncological Laryngology due to frequent headaches in the area of the paranasal sinuses and an impaired patency of the nose on the left-hand side.

Case study. Physical examination of the nose revealed the presence of a large polyp in the middle nasal meatus on the left-hand side. On the basis of the clinical presentation and CT examination, the patient was qualified for the left-side polypectomy.

Results and discussion. The histopathological examination revealed *meningioma* (G1). In order to evaluate radicality of the procedure and exclude possible intracranial lesions, a control CT examination of sinuses with contrast and brain MR with contrast were performed. A primary extracranial meningioma was diagnosed. The lesion was resected with the use of the endoscopic technique (Functional Endoscopic Sinus Surgery – FESS). The histopathological examination revealed *meningioma* (G1). The tumor recurrence was not reported in control examinations. Symptoms of the extracranial meningioma do not differ from those of other benign tumors in this area. Differential diagnosis needs to include a wide range of benign and malignant tumors of the nasal cavities and paranasal sinuses. When primary extracranial meningioma is suspected, it is necessary to perform a thorough diag-

nostic imaging. The treatment of choice involves the surgical resection of the tumor. There is hardly any literature concerning endoscopic treatment of extracranial meningiomas.

Conclusions. 1. It is necessary to perform histopathological analysis of all resected nasal polyps. 2. Extracranial meningiomas can mimic nasal polyps. 3. The endoscopic technique (FESS) seems to be most useful in treating the extracranial meningioma of nasal cavities.