

***Leiomyosarcoma* krtani w materiale klinicznym ORL w Krakowie**

Laryngeal leiomyosarcoma in clinical cases of the Otolaryngology Department in The University Hospital of Krakow

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Summary

Introduction. Leiomyosarcoma is a malign neoplasm coming from the non-epithelial tissue. It rarely develops in the larynx. 0,5-1% of all of the neoplasm of the larynx is leiomyosarcoma. It usually develops in the age of 40-70 and mostly affects men. **Aims:** Improvement of the therapy of patients with leiomyosarcoma of the larynx. **Material and methods.** The analysis of the medical documentation of the 5 patients with the diagnosis of leiomyosarcoma laryngis treated in Otorhinolaryngologic Clinic UJ in 1996-2006 was performed. The procedures and effects of the therapy were analyzed. **Results.** In this particular period of time 11 patients were operated because of the sarcoma of the larynx. In this group there were 5 cases of leiomyosarcoma, 4 cases of chondrosarcoma and 1 case of angiosarcoma and 1 case of sarcoma synoviale. **Conclusions.** On the basis of the material of the Clinic the frequency of these tumors was estimated and the therapeutic procedure including widening of the surgical indications for the partial laryngectomy and narrowing the indications for nodular surgery of the neck was proposed.