

Rzadki przypadek mięśniaka nabłonkowego krtani

A rare case of laryngeal leiomyoma

Małgorzata Burzej-Uchto, Zuzanna Nowak-Makiela, Kalina Łapińska-Skowron, Bogdan Kosowski

Summary

Introduction: To report a rare case of laryngeal leiomyoma. Tumors of smooth muscle origin are rare in the upper aerodigestive tract, due to the paucity of smooth muscle in the area. A review of the literature confirms that this kind of neoplasm is extremely rare in the larynx and not so many cases were described in the literature so far. We described classification, treatment and clinical course of laryngeal leiomyoma. **Material and methods:** We encountered such a tumor in a 68-year-old man who was admitted to our Hospital. Hoarseness since 2 years was a main symptom. Results: The tumor was removed endoscopically and was located under left vocal cord. The patient recovered well but after 6 months was admitted again to our Hospital due to recurrence of ailments. Tracheotomy and enlarged chordectomy on the left side of larynx was performed under general anesthesia. The tumor was encapsulated and could be completely resected. No complications were observed in the postoperative course and patient was discharged from the hospital in 5th day after operation. There was no evidence of local recurrence 4 years post surgery and laryngeal function was preserved. All histological pictures of the specimens from the first and second operation indicated tumor as a laryngeal leiomyoma. **Conclusion:** Laryngeal leiomyoma is a very infrequent neoplasm and to our knowledge, this is the 38th case of laryngeal smooth muscle tumor to be reported in the world literature.