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THÈMELARYNGOLOGIE ET PHONIATRIE

Hybrid nerve tumor of epiglotitis: Shwanoma and Neurofibroma

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Abstract

The hybrid tumors are distinct lesions from collision tumors, which are characterized by the development of two different carcinomas in the same region.

- They are extremely rare.Fewer than 30 cases of hybrid tumors have been described since now, with most of them occurring in parotid and the minor salivary glands of palate.

- The larynx in an unusual localization.

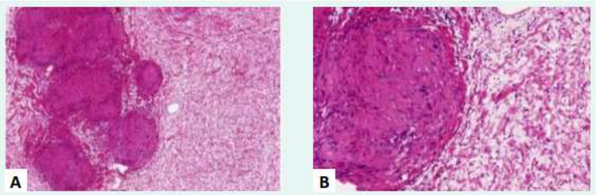

Figure A-B: Hybrid neurofibroma-schwannoma

Objectifs

The aim of this study is to describe the clinical, paraclinical, therapeutic, and prognostic aspects of an hybrid nerve tumor of epiglottitis.

Méthodes et Matériels

We report a rare case of hybrid nerve tumor of the epiglottis, diagnosed and treated at the ENT and Cervicofacial surgery department of Taher Maamouri Hospital in January 2020.

Résultats

- A 72-year-old man - A 6-month history of dysphagia and a sensation of a foreign body in the pharynx.
- Physical examination: a two cm mass of the base of tongue.
- Endoscopic examination: a tumorous lesion 20 x 15 mm pediculated on the free edge of the epiglottis.
- Direct laryngoscopy and a total resection of the mass under general anesthesia was perfomed.
- Histopathologic and immunohistochemical examination: a hybrid tumor coexistence of two different tumors, a schwannoma and a neurofibroma, not otherwise specified with poor differentiation. There was no sign of malignancy.
- Evolution: No postoperative complication was noted.

Conclusion

- The hybrid tumors of the larynx are rare clinical entities.
- The systematic review of the literature revealed that our case is the first reported one of hybrid nerve tumor (schwanoma and neurofibroma) of the larynx.

Références

1-Javed F, Ramalingam S, Ahmed HB, et al. . Oral manifestations in patients with neurofibromatosis type-1: a comprehensive literature review. Crit Rev Oncol Hematol 2014;91:123–9. 10.1016/j.critrevonc.2014.02.007

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