

## **Low-grade laryngeal chondrosarcoma in a previously chondroma confirmed patient-case report**

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**Introduction:** Laryngeal chondrosarcoma is a rare malignant tumor belonging to laryngeal cartilaginous tumors, which frequently originate in the cricoid cartilage, followed by thyroid cartilage, epiglottis and arytenoids. The exact number of cases in the world is unknown, because low-grade chondrosarcoma is difficult to differentiate histopathologically from chondroma, and recent studies have shown that they are in close synchronous or metachronous relation.

**Methodology:** A 59-year-old woman, histopathologically diagnosed with laryngeal chondroma on November 2019, previously operated and relapsed, carrier of tracheal cannula, presented on March 2022 for inspiratory dyspnea, dysphonia, fatigue with progressive evolution and aggravated in the last month affecting the quality of life. A fibroscopic examination is performed resulting in tumoral right larynx

blocked in adduction with decreased glottic space and normal appearance of the overlying mucosa. A cervical-centered CT is performed resulting in growth of the right lateral, postero-lateral and posterior laryngeal chondromatosis mass, measuring approximately 4/3.8 cm maximal axial diameters, with visible calcifications and moderate peripheral contrast uptake, generating a progressive arial path reduction. Total laryngectomy is performed and the pathological piece is sent for histological analysis.

### **Speaker Biography**

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**Received Date:** June 19, 2022; **Accepted Date:** June 21, 2022; **Published Date:** August 30, 2022