

Laryngeal Chondrosarcoma: A Rare Entity

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1. Laryngeal Chondrosarcoma: A Rare Entity

Cartilaginous tumours of the larynx are rare. Chondrosarcoma represents 0.2% of all malignant tumours of this organ. Low-grade chondrosarcoma is the most commonly observed[1].

It is typically located on the endolaryngeal surface of the posterior lamina of the cricoid cartilage and has slow growth rate[2].

The clinical presentation depends on the size and location of the tumour and can include cough, hoarseness, dyspnoea, stridor or neck mass[3].

Surgical excision is recommended, and the prognosis is good.

These images display a low-grade chondrosarcoma diagnosed in a 56-year-old man with dyspnoea at presentation. Initially a nasopharyngolaryngoscopy was performed, showing a subglottic mass (Figure 1). It was followed by a computed tomography scan (Figure 2 and 3) that characterised the lesion as a 16mm mass located in the posterior lamina of the cricoid, with signs of erosion.

Conservative surgical excision was performed without local recurrence at the present moment.

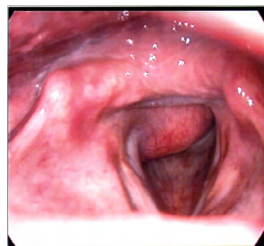


Figure 1: Nasopharyngolaryngoscopy showing laryngeal chondrosarcoma obstructing the subglottic larynx

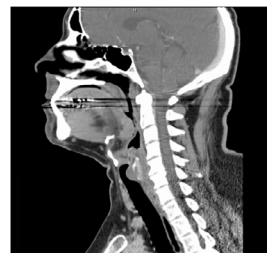


Figure 2: CT scan (sagittal plane) of the patient. Subglottic mass with 16mm

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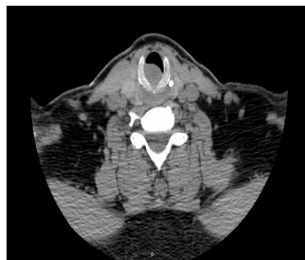


Figure 3: CT scan (axial plane) showing obstruction of the tracheal lumen with signs of cricoid erosion.

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