UNUSUAL SUPRAGLOTTIC LESION
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ABSTRACT
BACKGROUND
An unusual supraglottic lesion was noted in a middle aged man of 38 years. The patient was from Sudan. He presented with a symptom of “change in voice” from the past 6 months.

KEYWORDS
ENT, Supraglottis, Surgery, Lesion, Voice.

CASE REPORT
A 38-year-old Sudanese male presented with a symptom of “change in voice” observed from the past 6 months.
Change of voice, “Hot Potato voice” was gradual in onset and progressive in course.
- Mild Dyspnoea.
- No cough, No Dysphagia.
- Condition was not preceded or accompanied with Fever, Trauma or RTI.
- No haemoptysis or external laryngeal swellings.
- No ear pain at rest or during swallowing,
- No nasal obstruction or neck swellings.

Examination
Nose & Ears
- Within normal limits.

Neck Examination
- Laryngeal click was preserved.
- No palpable neck nodes.

ENT Examination
- Disturbed anatomy of the epiglottis.
- Laryngeal Endoscopy with 70-degree rigid telescope.

Endoscopic Examination
- Epiglottis was pushed to left side by embedded lesion in Rt. Supraglottic region.
- Hidden right vocal cord.
- Partially visualised lower 1/3rd of left cord & left arytenoids.

An unusual supraglottic lesion was noted in a middle aged man of 38 years. The patient was from Sudan. He presented with a symptom of “change in voice” from the past 6 months.

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Patient was sent for CT neck with primary diagnosis of Right supraglottic mass, may be a cyst.

Radiology Report
Right supraglottic area shows a well-defined bilocular cystic lesion measuring about 4.4 cm x 3.4 cm, dense calcification inside the lesion. No cervical lymphadenopathy. [10,11,12,13,14,15]

MANAGEMENT
Patient was prepared for Microlaryngeal Surgery.

Operative Steps
- Difficult intubation.
- Microlaryngeal surgery under GA.
- Puncture evacuation of the big cyst.
- Marsupialisation of the big cyst.
- Puncture evacuation of the other cyst.
- Approaching the smaller cyst through the other cyst.
- Removal of the cystic wall.

HISTOPATHOLOGY
Histopathology report showed Ectopic Thyroid Tissue with Papillary Carcinoma, Classic Variant. [16,17,18,19,20]
Post-Operative Examination

- Patient regained normal voice.
- Complete disappearance of patient complaint.
- Normal anatomy of the supraglottis as well as the glottis can be seen clearly now.
- No fullness at the tongue base.

DISCUSSION
Patients with supraglottic lesion can have symptoms ranging from change of voice to loss of voice. "Hot Potato voice" can be gradual in onset and progressive in course. A thorough workup of the case can lead to a better outcome for the patient.

As mentioned in this case report, microlaryngeal surgery can provide a better outcome for the patient.

CONCLUSION
Not many cases have been reported with this pathology. A thorough workup and microlaryngeal surgery can provide positive outcomes to patients with such kind of lesions.

REFERENCES


