

## Vocal Cord Cancer

By : Qabas Salem 3696 , Ahmad Azmi 3723 , Nadia Mohammad 3431 , Mohammad Hussein 3420

### 1. Introduction

The vocal cords are located in the voice box (larynx), which is right below the throat (pharynx). The medical term is laryngeal cancer. Because there are three types of laryngeal cancer: glottis 70%, supraglottic, and subglottic.

### 2. Symptoms

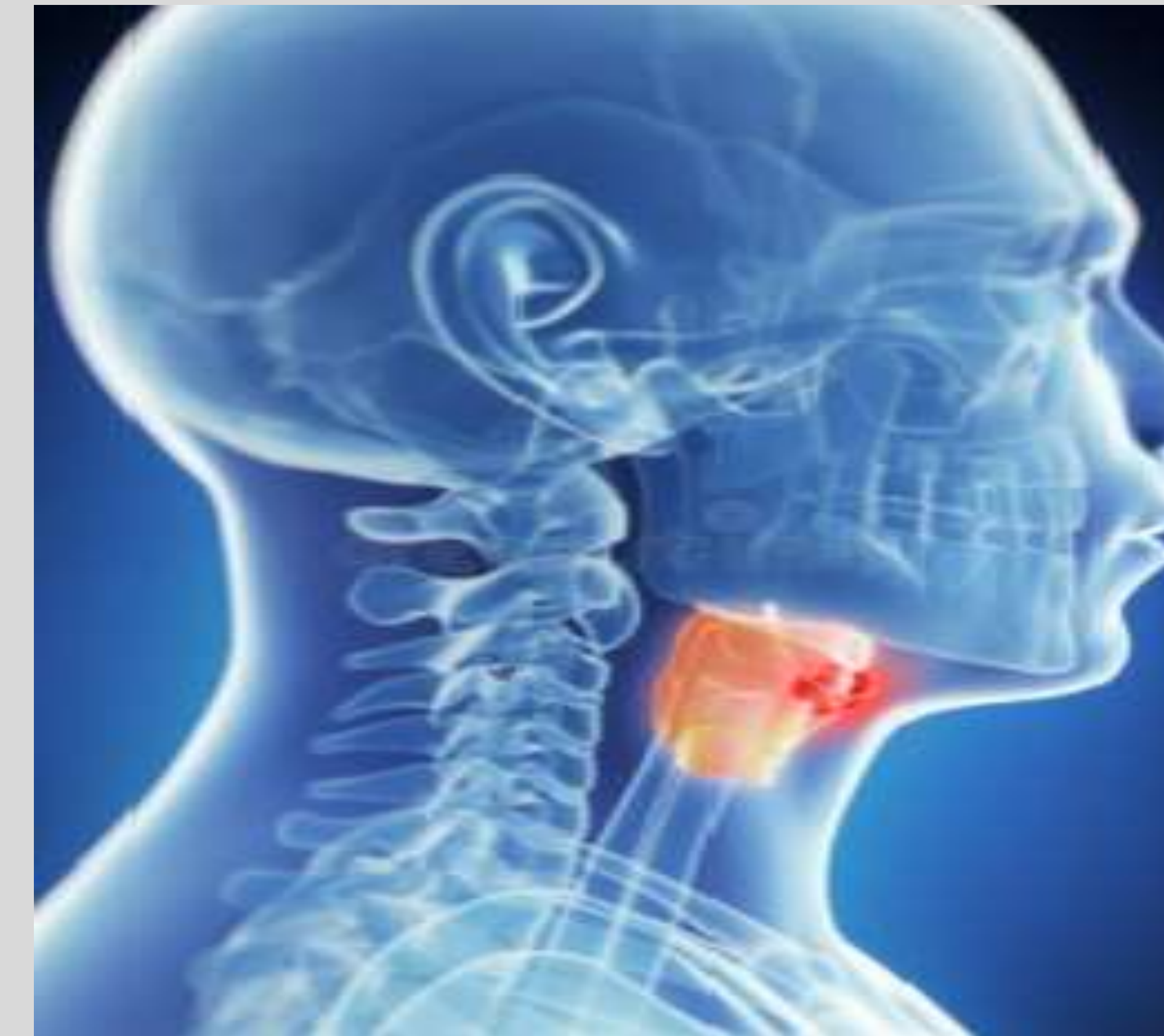
- Voice change.
- Chronic sore throat, sometimes with ear pain.
- Trouble swallowing with associated weight loss.
- Trouble breathing.
- Sensation of something stuck in the throat.
- The appearance of one or more lumps that can be felt in the neck.
- Coughing up of blood.

### 3. Causes

- Smoking 95%.
- Excessive alcohol consumption .
- The presence of a genetic factor and a previous family history of vocal cord cancer symptoms.
- Having an unhealthy diet low in fruit and vegetables.

### 4. How vocal cord is diagnosed

- A thorough evaluation of all the patient's symptoms.
- Imaging tests such as CT scans, PET Scan, x-rays, or MRI.
- Laryngoscopy (insertion of a small magnifying lens into the larynx to examine the vocal cords directly).
- Biopsy (removing a small sample of tissue for lab testing to determine the presence of cancer).



### 5. Treatment

- Surgery
- Radiation therapy,
- In-office laser treatments
- Chemotherapy, **The chemo drugs ARE:** Cisplatin, Carboplatin, 5-fluorouracil, Docetaxel, Paclitaxel, Methotrexate, Capecitabine, a pill that is changed into-FU once it gets to the tumor.

### 6. Recent studies

An innovative application that is developed by two Czech universities, What the patient wants to say is entered in his transformed voice through an application, which requires patients to record thousands of sentences.

### 7. Summary

The vocal cords cancer are located in the voice box, and Mainly caused by smoking, and the cure rate for vocal cord cancer is up to 90%.<sup>55</sup>

### 8. Reference

<https://www.hopkinsmedicine.org/health/conditions-and-diseases/vocal-cord-cancer>, Vocal Cord (tjosontjoamd.com), <https://utswmed.org/conditions-treatments/vocal-cord-cancer/>