#### Mini-Medical School



# Hoarseness 聲音沙啞(英文)

#### Introduction

"Hoarseness" is a term often used to describe any change in voice quality. Hoarseness that lasts for more than two weeks requires a complete otolaryngolic examination to rule out potentially serious causes such as malignancy. This is particularly a concern in patients with a history of tobacco or alcohol use who are at higher risk for cancer of the head and neck.

### Etiology

- Acute laryngitis, which is self-limited and related to acute respiratory illness or acute voice misuse
- Chronic laryngitis, which is related to irritants, reflux, or misuse
- Benign vocal fold lesions
- Malignancy involving the larynx
- Neurologic dysfunction
- Non-organic ("functional") issues
- Systemic conditions and rare causes

### Menifestation

Phonation is referred to production of a vocal tone at the level of the vocal folds. The quality of the tone is modified by resonation through the upper airway and sinonasal tract and articulated into speech.

#### **Evaluation**

Patients with hoarseness for more than two weeks, in the absence of symptoms of an acute respiratory infection, should have a complete examination of the laryngopharynx, with visualization of the larynx, by an

otolaryngologist. This may be performed by direct laryngoscopy with a mirror in the posterior oropharynx, or with a transnasal or transoral fiberoptic or digital laryngoscope.

### Treatment

Treatment of hoarseness may be considered according to underlying etiology.

## Prevention

Patient should quit smoking, alcohol drinking and betel chewing. Phonation education may be effective.

若有任何疑問,請不吝與我們聯絡 電話:(04)22052121分機3207 HE-84030-E