































Differential Diagnosis

- Laryngotracheal stenosis
- Upper aerodigestive tract neoplasm
- · Lower airway disease (most commonly asthma)
- Tracheobronchomalacia
- Chronic aspiration
- Respiratory dystonia
- Bilateral vocal fold paralysis/paresis
- Somebody can have more than one of the above!!!

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- Tightness in neck rather than chest
- More difficulty getting air in than out
- Symptoms brought on by:
 exertion
 - stress or strong emotions
 - Environmental triggers (odors, chemicals, smoke)
- Noisy breathing (esp. inspiration)
- Asthma workup and treatment questionable

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- Episodic rather than constant
- Often seen in high level athletes





























When to refer to a laryngologist

- Hoarseness greater than 2-4 weeks
 Especially if not concurrent with URI or in a smoker
- Stridor
- Recurrent pneumonia (concern for aspiration)
- Less than expected improvement from asthma treatment
- Dyspnea out of proportion to PFTs
- Chronic cough > 2-3 months, not responding to allergy/asthma therapy

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When to refer to [oto]laryngology

- Red flags urgent referral
 - PERSISTENT stridor/shortness of breath
 - Progressive voice change that doesn't improve with rest
 - hemoptysis



Selected References

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