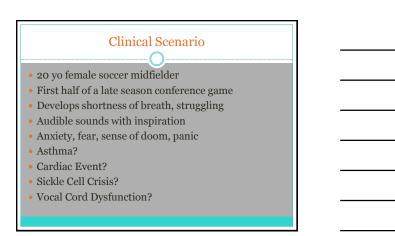
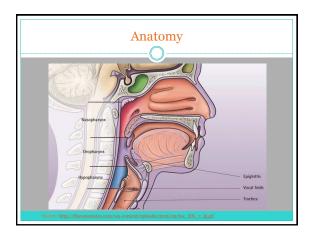




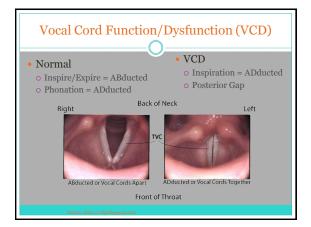
Disclaimers/Conflicts of Interest

I have NO conflicts of interest, nor do I have any relationships, financial or otherwise, to disclose.

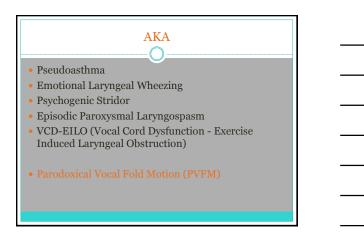










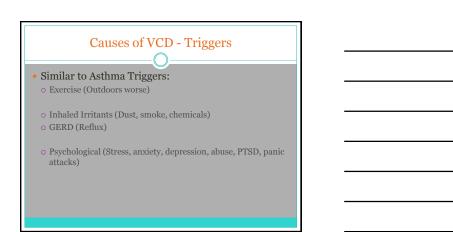


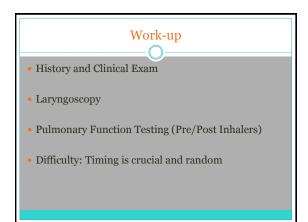
Epidemiology

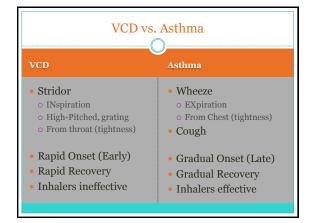
- Incidence: 2-12% of dyspneics
- Female:Male = 2:1
- Adults = 70%
- Differential Diagnosis (in addition to above):
 Anaphylaxis, angioedema, epiglottitis, laryngomalacia, croup, vocal cord paralysis, foreign body aspiration

Signs and Symptoms of VCD

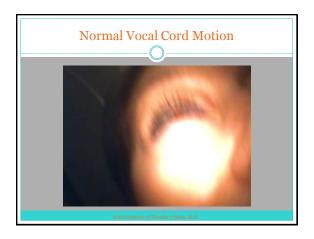
- Vocal cords inhibit inspiration (close, not open)
- SOB Shortness of Breath
- Neck or Throat Tightness
- Coughing/Clearing
- Sudden Drop in Exercise Performance
- STRIDOR
 - $\,\circ\,$ High-pitched, grating/harsh, on Inspiration
- "Breathing through a straw"







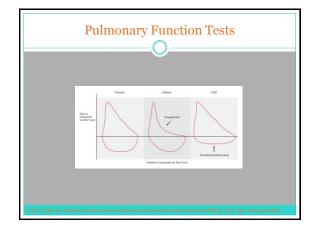




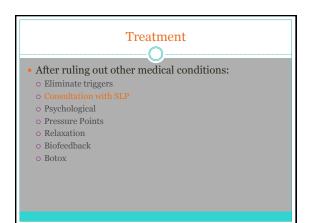














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