STRIDOR IN NEONATES AND INFANTS

Ravi Pachigolla, MD
Ronald Deskin, MD
Definition of Stridor

- Venturi Principle
- Musical Sounds
- Levels of Obstruction
History and Physical

- Duration
- Severity
- Related Symptoms
- Examination
- Radiography
- Endoscopy
Laryngotracheobronchitis

- Viral illness
- Self Limited
- Biphasic Stridor
Epiglottitis

- Rapid Onset
- Severe
- Controlled Intubation
Laryngomalacia

- Flaccid supraglottis vs. neuromuscular immaturity
- Self-limited
- Diagnosis
- Surgical Correction
Subglottic Stenosis

- Diagnosis
- Congenital vs. Acquired
- Anterior Cricoid Split
- Laryngotracheoplasty
Subglottic Hemangioma

- History and presentation
- Treatment
- Location
Vocal Cord Paralysis

- Usually idiopathic
- Characteristic sound
- Usually self limited if unilateral
- Bilateral more severe
Vascular Anomalies

- Anomalous innominate artery
- Double aortic arch
- Retroesophageal right subclavian artery
Laryngeal Webs

- Cause
- Symptoms
- Treatment
Laryngotraheal Clefts

- Difficult diagnosis
- Symptoms
- Endoscopy
- Treatment
- Complications
Foreign Bodies

- History and Presentation
- Coordinated Team Effort
- Proper Equipment essential
- Techniques and complications