

Croup Syndromes

	Acute Epiglottitis (Supraglottitis)	Acute Laryngotracheobronchitis (LTB)	Acute Spasmodic Laryngitis (Spasmodic Croup)	Acute Tracheitis
Age	Primarily, 2-5 years, can occur from infant-adult	Younger than 5 years old	1-3 years old	1 month old- 6-year-old
Etiologic Agent	H. Influenzae, bacterial	Viral	Viral with allergy components	Bacterial or viral with allergy components
Onset	Abrupt and rapidly progressive	Slowly progressive	Sudden, at night	Moderately progressive
Major Symptoms	Dysphagia Stridor when supine Drooling High fever Unwell appearance Tachypnea Tachycardia	Stridor Dyspnea Upper respiratory infection Brassy cough Low-grade fever Restless	Goes to bed fine, wakes up in the middle of the night with: -Metallic cough -Hoarseness -Noisy inspirations -Restlessness	Upper respiratory infection Purulent secretions High fever No response to LTB therapy
Treatment	Antibiotics Airway protection (intubation if necessary) Humidified oxygen	Depends on severity, mild can be treated at home Exposure to cold air Nebulized epinephrine Oral steroids	Cool or warm mist Education on recurrent episodes	Fluids Abx