

Croup Syndromes

	Acute Epiglottitis (Supraglottitis)	Acute Laryngotracheobronchitis (LTB)	Acute Spasmodic Laryngitis (Spasmodic Croup)	Acute Tracheitis
Age	2-5 years	Infant or child younger than 5 years old	1-3 years old	1 month to 6 years old
Etiologic Agent	bacterial	Slowly progresses	Sudden and at night	Moderately progressive
Onset	Rapidly progresses	Viral	Viral with allergic component	Viral or bacterial with allergic components
Major Symptoms	Dysphagia Stridor aggravated with when supine Drooling High fever Toxic appearance Rapid pulse and respirations	URI Stridor Brassy cough Hoarseness Dyspnea Restlessness Irritability Low grade fever Nontoxic appearance	URI Croupy cough Stridor Hoarseness Dyspnea Restlessness Symptoms awakening child but disappear during the day Tendency to recur	URI Croupy cough Purulent secretions High fever No response to LTB therapy
Treatment	Airway protection, possible intubation, and/or tracheotomy Humidified oxygen Corticosteroids Fluids Antibiotics Reassurance	Humidified mist if needed Corticosteroids Fluids Reassurance Nebulized epinephrine Heliox: severe to moderate coup	Cool mist Reassurance	Antibiotics Fluids