

/Croup Syndromes

	Acute Epiglottitis (Supraglottitis)	Acute Laryngotracheobronchitis (LTB)	Acute Spasmodic Laryngitis (Spasmodic Croup)	Acute Tracheitis
Age	2-5 y but varies	Infant or child younger than 5	1-3	1 month to 6yo
Etiologic Agent	Bacterial	Viral	Viral with allergic component	Viral or bacterial with allergic component
Onset	Rapidly progressive	Slowly progressive	Sudden; at night	Moderately progressive
Major Symptoms	Dysphagia Stridor Aggravated 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 Hoarsness Dyspnea Restlessness Symptoms awakening child but disappearing during day Tendency to recur	URI Croupy cough Purulent secretion High fever No response to LTB therapy
Treatment	Airway protection, possible intubation, tach Humidified O2 Corticosteroids Fluids Antibiotics Reassurance	Humidified mist if needed Corticosteroids Fluids Reassurance Nebulize epinephrine Heliox: moderate to severe croup	Cool mist reassurance	Antibiotics Fluids