

Croup Syndromes

	Acute Epiglottitis (Supraglottitis)	Acute Laryngotracheobronchitis (LTB)	Acute Spasmodic Laryngitis (Spasmodic Croup)	Acute Tracheitis
Age	2-6y	6m – 3y	6m – 3y	3-8y
Etiologic Agent	Bacterial – H influenzae	Viral Bacterial (rare)	Viral or allergy	Viral or bacterial Usually staph
Onset	Abrupt	Most Common	Sudden at night	Moderately progressive
Major Symptoms	Airway blockage! Drooling Tripod Stridor	URI <u>Low grade fever</u> Brassy/barky cough Hoarseness	Goes to bed fine Awakes with hoarse barky cough <u>No fever</u> Better next day	Severe airway obstruction <u>High fever</u> <u>Purulent cough</u> Croupy cough
Treatment	Protect airway, O ₂ , humidifier, steroids, abx	<u>Cool must humidifier</u> Steroids Racemic epi for severe	Cool mist humidifier Cool air outdoors	Humidified o ₂ Intubation Abx