

# **TENNESSEE EMERGENCY MEDICAL SERVICES PROTOCOL GUIDELINES**

## **MEDICAL EMERGENCY**

### **305 Croup**

#### **Assessment**

History - Viral infections resulting in inflammation of the larynx, trachea  
Seasonal – Late fall/early winter  
Children under 6 yrs. old with cold symptoms for 1-3 days  
Hoarseness  
Barking, Seal-like cough  
Stridor, NOT wheezes  
Low grade fever  
No history of obstruction, foreign body, trauma

#### **EMR EMT AEMT**

1. Oxygen and airway maintenance appropriate to the patient's condition
2. Allow patient to assume comfortable position or place patient supine
3. Supportive care

**EMR, EMT and AEMT STOP**

#### **PARAMEDIC**

4. Nebulized Epinephrine (1:1,000)
  - a. 1 mg diluted to 2.5-3 mL with saline flush, nebulized (mask or blow-by)
  - b. May repeat up to 3 total doses
  - c. If the patient has significant distress, 3 ml (3 mg) diluted with 2.5 to 3 mL saline flush may be administered as initial aerosol
5. Contact Medical Control for subsequent aerosols