



# Amherst Fire District Procedure

## Nebulizer Administration

### **Clinical Indications:**

- Patients experiencing bronchospasm, asthma, COPD, bronchitis, pneumonia, emphysema, allergies, anaphylaxis, crush syndrome.

### **Procedure:**

1. Gather the necessary equipment.
2. Assemble the nebulizer kit.
3. Install the premixed Albuterol and or Atrovent into the reservoir well of the nebulizer.
4. Connect the nebulizer device to oxygen at 6-8 liters per minute or adequate flow to produce a steady, visible mist.
5. Instruct the patient to inhale normally through the mouthpiece or mask of the nebulizer. The patient needs to have a good lip seal around the mouthpiece or deep breaths through the mask.
6. The treatment should last until the solution is depleted. Tapping the reservoir well, near the end of the treatment, will assist in utilizing all of the solution.
7. Monitor the patient for medication effects. This should include the patient's assessment of his/her response to the treatment and reassessment of vital signs, ECG, and breath sounds.
8. Document the treatment, dose, and route on/with the patient care report (PCR).
9. Nebulizer treatments can be administrated in conjunction with CPAP and endotracheally intubated patients.

### **Certification Requirements:**

- Successfully complete an annual skill evaluation inclusive of the indications, contraindications, technique, and possible complications of the procedure.