

**REGION I EMERGENCY MEDICAL SERVICES
STANDING MEDICAL ORDERS
EMT –Paramedic**

SMO: In-line Inhalation Treatment

Overview: In-line Albuterol treatments are indicated for the patient who is intubated and in need of bronchodilator therapy. This may include the patient intubated with severe asthma, COPD, or anaphylactic reaction.

CONTRAINDICATIONS

- Tachyarrhythmias
- Severe cardiac disease

INFORMATION NEEDED

- intubated patient in respiratory distress and in need of bronchodilator therapy
- patient vital signs—especially note patient’s heart rate

PROCEDURE

- Use pre-packaged Albuterol set up and extra piece of blue ventilator tubing.
- Attach blue ventilator tubing to each end of T piece. Attach reservoir for Albuterol to bottom of T piece. Place **Albuterol 2.5 mg** in reservoir.
- Attach one end of blue ventilator tubing to bag valve device.
- Attach the other end of blue ventilator tubing to mouth adapter and attach end of adapter to ET tube. See diagram below.
- Attach reservoir O2 tubing to reservoir and 6 L O2.

Documentation of adherence to protocol:

- Evidence of respiratory distress including wheezing or shortness of breath that would benefit by bronchodilator therapy
- Patient respiratory status post-intervention

Medical Control Contact Criteria

- If any question exists as to the best option for the patient.
- If patient exhibits tachycardia, contact Medical Control to determine appropriateness of proceeding with the nebulizer treatment.

PRECAUTIONS AND COMMENTS

- Bronchodilators may cause tachycardia and other dysrhythmias. Treatment should be discontinued if patient exhibits any severe cardiac symptoms.

