

# KENT COUNTY EMERGENCY MEDICAL SERVICES

## ALBUTEROL NEBULIZER PROCEDURE

Number:

III.N.

Date:

3/10/03

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**NOTE:** This procedure will apply once the determination has been made that the patient is a candidate for albuterol or albuterol/atrovent therapy.

1. A complete set of vital signs must be obtained prior to medication administration.
2. Albuterol is supplied in a plastic ampoule, in the IV kit, with a unit dose of 2.5mg/3ml. Pediatric doses of 1.25mg/1.5ml should be drawn up with a syringe for accurate dosing.
3. Atrovent is supplied in a plastic ampoule, in the IV kit, with a unit dose of 0.5mg/3ml. Atrovent should be combined with albuterol for the first neb only.
4. Place the appropriate volume of medication in the lower half of the nebulizer unit, then screw the upper half of the unit in place.
5. Attach the nebulizer to the base of the T-piece. Then attach the mouthpiece to the T-piece.
6. Attach one end of the oxygen tubing to the base of the nebulizer and the other end of the oxygen tubing to the oxygen source.
7. Set the oxygen liter flow at 6-7 L/min.
8. Instruct the patient to breathe normally through the mouthpiece, taking a deep inspiration every 4 or 5 breaths.
9. Continue the treatment until all the medication has been delivered through the nebulizer. You may need the gently tap the reservoir once or twice during the treatment to redispurse the medication.
10. Obtain and record another complete set of vital signs after completion of the treatment.

**NOTE:** In patients in extremis, it is possible to connect the T-piece to the endotracheal tube and BVM to deliver medication while assisting respirations.

ALBUTPROC

11/22/89

7/6/92

6/28/94

11/17/94

12/13/94

11/13/02

1/10/03

