

 Connecticut Valley Hospital Nursing Policy and Procedure	SECTION F: MEDICATION POLICIES AND PROCEDURES CHAPTER 23: MEDICATION MANAGEMENT POLICY AND PROCEDURE 23.16.1 Preparation and Administration of Nebulizer Medication
Authorization: Nursing Executive Committee	Date Effective: May 1, 2018 Scope: Registered Nurses and Licensed Practical Nurses

Standard of Practice:

The nurse will competently prepare and administer Nebulizer medication.

Standard of Care:

The patient can expect to receive his/her Nebulizer medication by the nurse in a skilled, competent manner.

Procedure:

A. Equipment:

1. Pulmo-Aide with tubing and mask or mouthpiece
2. Medication.

B. Preparation of Patient:

1. Explain procedure to patient. This therapy depends on some patient effort.
2. Assist the patient into comfortable position, usually sitting or semi-Fowler's.

C. Procedure:

1. Follow physician's order for frequency and duration of treatment.
2. Plug in Pulmo-Aide.
3. Open storage compartment door.
4. Connect one end of tubing to compressor.
5. Connect other end of tubing to fitting at the bottom of the nebulizer jar.
6. Fill nebulizer jar with liquid medication, being careful to measure prescribed dose.
7. Snap nebulizer lid over the jar, taking care not to spill any medication.
8. Mask:
 - a. Connect bottom of mask apparatus onto the top of the nebulizer lid.
 - b. Place mask over mouth and nose and turn on compressor.
 - c. As aerosol begins to flow, instruct patient to inhale deeply and slowly and try to hold breath for 10 seconds, then exhale slowly.
 - d. Have patient continue breathing in this manner for prescribed amount of time.
9. Nebulizer T-Piece:

- a. Insert nebulizer T-piece onto top of nebulizer lid.
 - b. Slide mouthpiece into the end of the T-piece where it should fit snugly.
 - c. Turn on compressor.
 - d. Instruct patient to place mouthpiece between teeth and close mouth.
 - e. As aerosol begins to flow, instruct patient to inhale deeply and slowly and try to hold breath for 10 seconds, then exhale slowly through the mouthpiece.
 - f. Have patient continue breathing in this manner for prescribed amount of time.
10. Aftercare:
- a. Rinse nebulizer with hot tap water and allow it to air dry until next treatment.
 - b. Each setup of tubing, T-piece with mouthpiece may only be used for one patient and must be discarded after 24 hours.
 - c. Filter must be changed once per month or more frequently if it turns gray in color. Place a tape with date filter is changed on Pulmo-Aide.
11. Charting:
- a. Document on medication Kardex that medication was given.
 - b. Chart patient's response to treatment in the weekly/monthly note.