

POLICY & PROCEDURE



TITLE: Nebulizer Treatment				
Scope/Purpose: To deliver medication or moisture to the trachea, bronchi and/or lungs.				
Division/Department: All HealthPOiNT Clinics			Policy/Procedure #:	
Original Date: September 29 th , 2008			<input type="checkbox"/> New <input checked="" type="checkbox"/> Replacement for: Same 2008	
Date Reviewed:	Date Revised:	Implementation:	CPIC Approved:	Board Approved:
	October 3 rd , 2013	10/25/2013	10/25/2013	
Responsible Party: Director Clinical QA/ CMO				

DEFINITIONS:

To deliver a fine spray of medication or moisture to a patient with the use of nebulizer.
Nebulization is the production of a fog or mist.

POLICY:

Upon provider order, nebulizer treatments will be given by nursing staff as directed using proper technique and universal precautions.

PROCEDURE:

Supplies & Equipment:

- Nebulizer machine
- Nebulizer circuits with face mask (optional)
- 3cc syringe (if applicable)
- Pulse oximeter with appropriate size probe
- Oxygen tank on stand-by

Medication:

For pediatric patients: Appropriate solutions such as: Xopenex, Normal Saline (kept in refrigerator), premixed Albuterol Solution (alternative)

For adult patients: Albuterol solution (premixed in medication cabinet), Xopenex solution (premixed in medication cabinet)

1. Obtain needed equipment and ordered medication to set up in the exam room.
2. Wash your hands.
3. Check the patient's pulse and respiratory rate. Document the values in the medical record.
4. Obtain a pulse oximeter reading. Place the pulse oximeter on the patient to obtain a reading (*See Pulse Oximeter Procedure*). Record the value in the medical record. Inform

the provider immediately if readings are low (80s or low 90s) and have an oxygen tank nearby.

5. Draw up the ordered medication in the provided dropper and place in the medicine cup of the nebulizer circuit. Add 2 cc of normal saline into the medicine cup and connect the tubing to the medicine cup and machine. Premixed solutions may be used if available in the correct dosage.
6. Plug the nebulizer machine into the wall electrical receptacle.
7. Instruct the patient on how to use the nebulizer appropriately. Instruct the patient that it may take approximately 5 minutes to complete the treatment.
8. Turn the machine on.
9. When all the medication is gone from the medicine cup turn the machine off. Dispose of the nebulizer circuits in a waste receptacle. Return the nebulizer to the storage area and any unused medication to the refrigerator.
10. Wash your hands.
11. Notify the provider that the treatment is completed.

RELATED POLICY:

REFERENCES:

See also

DeWit, S. C. (2009). *Fundamental concepts and skills for nursing* (3rd ed.). St. Louis, MO: Saunders Elsevier.

REQUIRED BY:

ATTACHMENTS/ENCLOSURES:

POLICY/PROCEDURE TRACKING FORM (to be added as last page of each P&P for documentation of changes)

TITLE: Nebulizer Treatment				
Scope/Purpose: To deliver medication or moisture to the trachea, bronchi and/or lungs.				
Division/Department: All HealthPOiNT Clinics			Policy/Procedure #:	
Original Date: September 29 th , 2008			<input type="checkbox"/> New <input type="checkbox"/> Replacement for:	
Date Reviewed:	Date Revised:	Implementation:	CPIC Approved:	Board Approved:
	October 3 rd , 2013	10/25/2013	10/25/2013	
Date of Revision	Description of Changes			