

PDNS – Passy-Muir Valve

Purpose

To restore oral communication for patients who are tracheostomized and /or ventilation dependent.

Policy

1. The nurse must follow physician's order and RT guidelines for Passy-Muir Valve (PMV) wearing schedule.
2. The nurse will never place the PMV on a sleeping patient.

Responsible Personnel

PDNS RN, LPN

Corresponding Documents

[Infection Prevention Program](#)

Passy-Muir manufacturer website: <http://www.passy-muir.com/education/>

Equipment and Supplies Needed

Passy-Muir Valve (PMV)

Empty syringe (if applicable)

Oximeter

Procedure

1. Identify patient using at least two identifiers, including name and/or date of birth, home address, phone number, parent/caregiver identification, or visual recognition of patient.
2. Inform patient/caregiver of rationale for procedure. Explain the procedure in a positive manner, appropriate to the child's cognitive level.
3. Place the patient in a comfortable position to help air flow freely around the tracheostomy tube.
4. Suction the tracheostomy tube and mouth as needed to remove excess secretions before placing the PMV to allow air to move more freely around the tracheostomy tube and increase comfort level while wearing the PMV. Secretions can cause breathing difficulties and may cause excessive coughing if not removed.
5. If the patient has a cuffed trach, attach an empty syringe to the pilot balloon and totally deflate the cuff prior to attaching the PMV.
6. Place the PMV on the hub of the trach tube by gently stabilizing the tracheostomy tube with one hand and attaching the PMV with the other hand using a ¼ twist.
7. Monitor heart rate, respiratory rate, oxygen saturation, skin color, and work of breathing while patient is wearing the speaking valve.
8. Record the PIPs if PMV is being used in-line with a vent.
9. When removing the PMV, place one hand on the tracheostomy tube flange to keep the tube from moving and with the other hand gently twist the PMV off of the hub of the tube.

10. Clean the PMV with mild detergent and rinse thoroughly in warm running water. Allow PMV to air dry thoroughly before placing in storage.
11. Document on the electronic medical record

Follow-up Responsibilities

Director of Nursing