



# PASSY-MUIR TRACH VALVE

## I. GENERAL INFORMATION

- A. A Passy-Muir Trach Valve allows full power uninterrupted speech, eliminating the need to finger occlude. It is a one way valve that opens upon inspiration and closes upon expiration, redirecting air into the trachea and up through the vocal cords creating speech as the sound passes through the oval and nasal cavities.
- B. Purpose: Creates easier and clearer vocalization. Eliminates finger occlusion. Creates improved pulmonary ventilation function due to increased back pressure in the lungs. Decreases nasal and oral secretions due to the evaporation of secretions as the stream of air backflows through the oral and nasal chambers. Increases the ability to smell as air is diverted high into the nasal chambers. Alleviates concern regarding hygiene and related infections from finger occlusion. Improves swallowing.
- C. Humidity and oxygen can be used with the Passy-Muir Valve (as prescribed by the physician).
- D. It is the physician's responsibility to assure that the student has adequate airflow around the tracheostomy tube.
- E. Physicians order must specify frequency and duration for use of the Passy-Muir Valve.

## II. PERSONNEL

- A. School Nurse
- B. Designated school personnel



## PASSY-MUIR TRACH VALVE

Student's Name: \_\_\_\_\_ DOB: \_\_\_\_\_

<b>Equipment And Supplies</b> *(Responsibility of parent/care- provider)	1. Passy-Muir Trach Valve	2. Passy-Muir Vent Valve
<b>PROCEDURE</b>		
<b>ESSENTIAL STEPS</b>		<b>KEY POINTS &amp; PRECAUTIONS</b>
<ol style="list-style-type: none"><li>1. Clear tracheal and oral secretions prior to attaching valve and throughout duration of use.</li><li>2. Attach Passy-Muir Valve to trach hub with a gentle, twisting motion, ¼ turn to the right.</li><li>3. Remove valve with a ¼ twist turn to the left.</li><li>4. Assess student for tracheal secretions and suction as needed.</li><li>5. Document on SPHCS log.</li></ol>		<p>Do not use the Passy-Muir valve if the student has a cold or excessive secretions.</p> <p>Excessive twisting force may cause occlusion. If student demonstrates difficulty using the valve, remove immediately. Difficulties may include color change, noisy respirations, restlessness, etc.</p>