There’s More to Life than Breathing!

Mr. Jack Rushton and Linda Dean, RRT

There’s More To Life Than Breathing!

David Muir

INVENTOR OF THE PASSY-MUIR® VALVE

Jack

What circumstances led you to become a tracheostomy patient living with a ventilator?

Jack

How did you communicate immediately after you received your tracheostomy?

Jack

When and how was the Passy-Muir® Valve introduced to you?

“The Speech Therapist introduced me to the valve. To me it was a miracle.”

Jack Rushton

Linda Dean, RRT, Passy-Muir Clinical Specialist
Jack Rushton, Passy-Muir Valve User
There’s More to Life than Breathing!

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Jack

Was the Passy-Muir Valve easy to use the first time you tried it?

“At first my head felt like a wind tunnel.”

How Does It Work?

The ventilator breath (inhalation) is delivered through the tracheostomy tube.
Exhalation is re-directed out the mouth and nose.

How Does It Work?

When exhalation is restored through the mouth and nose, many good things happen!

But first…………………..

Transitioning to In-Line Valve Use

Increased sensation, such as smell, taste, and feeling airflow can be difficult to adjust to

Ventilator Assessment and Adjustments

• Turn PEEP off prior to cuff deflation
• Watch for auto-cycle and adjust trigger sensitivity as needed
• Pressure Support
  - Increase % Flow Termination or set I-Time to Time Limit PS Breath

Transitioning to In-Line Valve Use

Initially, breathing might feel like more work with a valve on
Transitioning to In-Line Valve Use

For children, behavioral problems (throwing the valve across the room) are sometimes rewarded with laughing, more attention.

Benefits To In-Line Valve Use

- **Restores:**
  - Verbal Communication

- **Improves:**
  - Swallowing
  - Decreases aspiration
  - Smell and Taste
  - Secretion Management
  - Oxygenation

Transitioning To In-Line Valve Use

- **Re-store** airflow slowly through slow cuff deflation
- **Re-train** coordination of respiration and voice
- **Re-ward** with positive feedback
- **Re-joice** through voice!

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Transitioning To In-Line Valve Use

All home care ventilators are compatible for use with the Passy-Muir Valve

- Trilogy
- UV 1150
- PS 540

Some Common Ventilator Adjustments

1. Breath volume may be increased
2. Low volume alams are turned off
3. Alternate safety alarm is provided with a low pressure alarm (always set this alarm at a min of 10cmH2O)

Review

- Adjust PEEP
- Slow cuff deflation
- Monitor pressure/volume loss
- Place Passy-Muir® Valve
- Compensate for volume/pressure loss
- Time limit PS breaths
- Set alarms appropriately

Linda Dean, RRT, Passy-Muir Clinical Specialist
Jack Rushton, Passy-Muir Valve User
Jack

What do you find are the most significant benefits of using the Passy-Muir Valve?

"Life is not measured by the number of breaths we take, but by the moments that take our breath away."

Anonymous

"Live each season as it passes; breathe the air, drink the drink, taste the fruit, and resign yourself to the influences of each"

Henry David Thoreau

Additional Educational Opportunities

- Self-study webinars available on demand
  - Getting Started
  - Ventilator Application
  - Swallowing
  - Pediatric
  - Special Populations
- Live group webinars
- www.passy-muir.com
- Passy-Muir Inc. is an approved provider of continuing education through ASHA, AARC, CMSA and California Board of Nursing Credit

Read Jack’s Book