



# RESTORING VOICE, REDEFINING SAFETY.



## Vocolair™ Ventilator Speaking Valve (VSV)

Vocolair™ is an in-line speaking valve for tracheostomized patients receiving mechanical ventilation or High-Flow Oxygen Therapy (HFOT). It restores speech by redirecting exhaled airflow through the upper airway while allowing continuous respiratory support.



Product Code: VSV-523

## Prioritizing Safety and Simplicity: Key Features & Benefits

- ✓ Ventilator-Compatible Design – Specifically engineered for use with ventilator and high flow oxygen systems to support effective speech.
- ✓ Smooth Ventilator Breath Triggering – Helps reduce respiratory effort during inspiration.
- ✓ Patient-Centered – Designed to minimize respiratory strain and prevent breath-stacking.
- ✓ Supports Vocalization – Enables voice without interrupting respiratory support.
- ✓ Remains Safely In-Line – No need to break the ventilator circuit when used for speech.
- ✓ Cuff-Up Compatibility – Safe for use with the cuff inflated, maintaining ventilator support.
- ✓ PEEP-Compatible – Designed for use with positive end-expiratory pressure settings.
- ✓ Safe During Meals – Suitable for patients cleared to eat or drink.

# SPEAK FREELY. LIVE FULLY.™



## Streamlining Clinical Workflow

- ✓ **Always In-Line:** Reduces handling and circuit breaks: safer for patients, easier for staff.
- ✓ **Time-Saving:** Minimizes bedside adjustments and circuit handling, helping streamline daily care routines.
- ✓ **Fewer Interruptions:** Supports speech during care activities, therapy, and meals.
- ✓ **Enhanced Patient Safety:** Simplified setup decreases unnecessary circuit handling, reducing the chance of unintended use conditions and improving overall safety.

## Benefits of Early Communication

Early verbal communication improves patient dignity, mental health, and clinical outcomes—and is increasingly recognized as a quality-of-care metric across both critical and long-term care settings. Studies have shown that enabling communication in mechanically ventilated patients is associated with reduced anxiety and delirium, improved patient satisfaction, and even shorter ICU stays<sup>1 2</sup>. Beyond the ICU, maintaining communication remains vital for patients in long-term ventilation or rehabilitation programs, supporting emotional well-being, engagement in care, and overall quality of life. Guidelines from critical care societies emphasize patient communication as a cornerstone of patient-centered care and quality improvement in the ICU and beyond<sup>3</sup>.



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### References:

1. Ten Hoorn, S., et al. (2016). Communication with conscious and mechanically ventilated critically ill patients: A review of the literature. *Critical Care*, 20(1), 333. <https://doi.org/10.1186/s13054-016-1533-4>
2. Happ, M. B., et al. (2014). Effect of a multi-level intervention on nurse-patient communication in the ICU. *American Journal of Critical Care*, 23(6), 510-517. <https://doi.org/10.4037/ajcc2014961>
3. Needham, D. M., et al. (2017). Improving long-term outcomes after discharge from intensive care unit: Report from a stakeholders' conference. *Critical Care Medicine*, 45(2), 315-321. <https://doi.org/10.1097/CCM.0000000000002227>

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