Manipulation of the ventilator circuit can increase cross-contamination – a leading cause of VAP¹

- Ventilator-associated pneumonia (VAP) is the most common and deadly healthcare-associated infection, affecting up to 28% of ventilated patients.² To help protect patients, a closed ventilator circuit is recognized as a best practice in the prevention of VAP.³

- Maintaining a closed ventilator circuit is recommended by the American Association for Respiratory Care (AARC)²

- A closed circuit maintains ventilation and oxygen therapy throughout suctioning, and prevents approximately 50% of the lung volume fall observed when suctioning after disconnection from the ventilator⁴

- Closed suctioning is a best practice that protects patients and caregivers⁵,⁶
  • Reduces the risk for contamination from outside pathogens⁵
  • Reduces colonization within the circuit⁴
  • Designed to protect caregivers from exposure to body fluids

Advanced infection control that sets a new standard in clean
From the leader in closed suctioning, KIMBERLY-CLARK® KIMVENT® Closed Suction Systems have advanced infection control features that redefine the standard of care for closed suctioning. These unique infection prevention features have been proven to reduce cross-contamination, reducing ICU days and associated costs.⁴ With a solution to meet every patient need, KIMVENT® Closed Suction Systems are a powerful tool in your fight against this deadly HAI.

“The pathogenesis of VAP...is linked to two separate but related processes: colonization of the aerodigestive tract with pathogenic bacteria, and aspiration of contaminated secretions.”
— Kollef, et al. Respiratory Care, 2005
KimVent® Turbo-Cleaning Closed Suction System

Proven to provide an 89% cleaner catheter tip.

KimVent® Turbo-Cleaning Closed Suction System, which features technology from Ballard® Trach Care®, is the only catheter that retracts within a unique, isolated and vacuum-sealed turbulent cleaning chamber. The turbulent cleansing action results in an 89% cleaner catheter tip compared to a standard closed suction system. This reduced colonization may help reduce risk of VAP in your ventilated patients.

Sealed by our patented “PEEP seal” technology, the suction and saline produce turbulent cleansing action, for a cleaner catheter tip.
Multiple access. Multiple procedures. One closed circuit.

Introducing the new KimVent® Multi-Access Port Closed Suction System. It features a compact rotating manifold that provides multiple ports to access the patient’s airway without jeopardizing integrity of the closed circuit. And a closed circuit helps you protect your patient from cross-contamination and VAP.

Rotating manifold locks into place with a click for reassurance that circuit remains sealed.

Clinicians can perform suctioning and other procedures such as bronchoalveolar lavage, bronchoscopy, or MDI drug delivery while maintaining a closed vent circuit as recommended to help prevent VAP.

Turbulent cleaning chamber for a cleaner catheter.

Sleeve tether prevents over-retraction of catheter.

Catheter locks into separate port and stays connected and clean.

Single-use seal cassette maintains PEEP during insertion of sampling catheter or other devices.

Helping You Protect Your Patients From VAP
As a global leader in VAP prevention, Kimberly-Clark offers a comprehensive range of products, education, in-service training, and compliance programs to assist you as you develop your best-practice protocol that can help protect your patients from VAP.

**Kimberly-Clark® KimVent® Solutions:**
- Closed Suction Systems
- Endotracheal Tubes
- Bronchial Aspirate Sampling Catheter
- Oral Care Solutions

For more information, please call your sales representative, or visit our website at: www.VAP.kchealthcare.com/CSS

---

**The Kimberly-Clark Advantage**
- Clinical Education
- Ongoing Customer Support
- Expert Sales Force
- Tools & Best Practices
- Clinical Research
- Commitment to Excellence

Infection prevention website: www.HAIwatch.com

---

**Figure 1**
KimVent® Turbo-Cleaning at 72 hours vs. Standard at 24 hours
All organisms combined

**Legend**
- KimVent® Turbo-Cleaning
- Standard

**Figure 2**
KimVent® Turbo-Cleaning at 72 hours vs. Ty-Care® at 48 hours
All organisms combined

**Legend**
- KimVent® Turbo-Cleaning
- Ty-Care®

---

1. Guidelines For Preventing Healthcare Associated Pneumonia, 2003, CDC Centers For Disease Control.
7. Compared to Ballard® TrachCare® 24-hour closed suction systems. Ballard® Critical Care Products TrachCare® 72 Microbiology Report, Nelson Laboratories Final Reports, Laboratory Numbers 18342, 163901.1
8. Compared to Ty-Care® Catheter at 48 hours. TrachCare® 72 versus Ty-Care® Microbiology Report Sales Sheet.