MANIPULATION OF THE VENTILATOR CIRCUIT CAN INCREASE CROSS-CONTAMINATION – A LEADING CAUSE OF VAP

- Ventilator-associated pneumonia (VAP) is the most common and deadly healthcare-associated infection, affecting up to 28% of ventilated patients. To help protect patients, a closed ventilator circuit is recognized as a best practice in the prevention of VAP.
- Maintaining a closed ventilator circuit is recommended by the American Association for Respiratory Care (AARC).
- 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 ventilator.
- Closed suctioning is a best practice that protects patients and caregivers.
  - Reduces the risk for contamination from outside pathogens
  - Reduces colonization within the circuit
  - 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, AVANOS® 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. With a solution to meet every patient need, AVANOS® 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
AVANOS* Turbo-Cleaning Closed Suction System, which features BALLARD* Technology, 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 VAE in your ventilated patients.

AVANOS' Turbo-Cleaning Closed Suction System

89% CLEANER

PEEP SEAL helps reduce PEEP loss and inadvertent lavage

ONE-WAY LAVAGE PORT designed to prevent “sprayback”

HINGED VALVE isolates catheter tip and helps prevent inadvertent lavage

TURBULENT CLEANING CHAMBER creates cleansing action, resulting in a cleaner catheter

INTEGRATED MDI PORT (optional)

SEALED BY OUR PATENTED “PEEP SEAL” TECHNOLOGY, the suction and saline produce turbulent cleansing action, for a cleaner catheter tip

AVANOS’ TURBO-CLEANING CLOSED SUCTION SYSTEM cleaned in the isolated, turbulent cleaning chamber

STANDARD CLOSED SUCTION SYSTEM cleaned by usual method of squeezing saline vial to dispense
MULTIPLE ACCESS. MULTIPLE PROCEDURES. ONE CLOSED CIRCUIT.

AVANOS® Multi-Access Port Closed Suction System 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 VAE.

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 VAE.

CATHETER LOCKS INTO SEPARATE PORT and stays connected and clean

SINGLE-USE SEAL CASSETTE maintains PEEP during insertion of sampling catheter or other devices

TURBULENT CLEANING CHAMBER for a cleaner catheter

SLEEVE TETHER prevents over-retraction of catheter

ALSO AVAILABLE:

AVANOS® MINI-BAL BRONCHIAL ASPIRATE SAMPLING CATHETER
Designed for use with the AVANOS® Multi-Access Port System. Insert the AVANOS® Mini-BAL Catheter through the alternate therapy port to obtain a lower respiratory tract sample without opening the ventilator circuit.

PACKAGE INCLUDES AVANOS® TURBO-CLEANING CLOSED SUCTION SYSTEM CATHETER
Additional replacement system catheters available
As a global leader in VAE prevention, Avanos Medical 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 VAE.

AVANOS* VAE SOLUTIONS:
- Closed Suction Systems
- Bronchial Aspirate Sampling Catheter
- Endotracheal Tubes
- Oral Care Solutions

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 Trach Care’ 72. Microbiology Report, Nelson laboratories Final Reports, Laboratory Numbers 18343, 163901.1
8. Compared to Ty-Care® Catheter at 48 hours. Trach Care’ 72 versus Ty-Care® Microbiology Report Sales Sheet.

For more information please visit: avanosmedicaldevices.com
Call 1-844-4AVANOS (1-844-428-2667) in the United States and Canada.

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