



## **ARE YOU CONNECTED?- REDUCE YOUR RISK!**

Why the **Vent-Tie® Ventilator Anti-Disconnect Strap** is right for your facility !

***-FDA, CDC, ECRI , AHA and JCAHO all reference disconnect prevention-***

- **POTENTIALLY SAVE LIVES-** For years the Vent-Tie® has reduced accidental disconnections in facilities across the country. In today's litigious society make sure your facility is protected and taking the proper precautions.
  - The FDA reports that approximately 200 deaths and numerous injuries and liability cases occur each year in hospitals alone due to accidental ventilator dis-connections.
- **USE A COMMERCIALLY AVAILABLE DEVICE-** the Vent-Tie® is a widely accepted , patented device with FDA clearance. Stop using rubberbands and string to secure tubing !!!
  - JCAHO recommends that facilities utilize a commercially available device to secure ventilator circuitry, not improvised devices such as rubberbands or tapes.
- **REDUCE THE INCIDENCE OF DISCONNECT ALARMS-** Alarms are unsettling to the patient and family members, distracting to staff and become dangerous “white noise” that can mask a real event !!
  - Joint Commission states that “alarm fatigue” from ventilator disconnections is a substantial issue in these injuries.
  - ECRI ,VP Jim Keller states “We routinely see deaths associated with alarm fatigue problems” and rated Alarm Management as the # 1 most hazardous health technology issue in 2012.
- **REDUCE INFECTIONS-** CDC has stated that unintentional disconnections for ventilator dependent patients are a potential cause of VAP –Ventilator Acquired Pneumonia.
  - Nosocomial infections- ie, VAP- are NO LONGER reimbursable from Medicare or Insurances. These infections affect your patients, your staff and your facility.
- **STANDARDIZE CARE AND PROTOCOL** –be assured that all your clinicians are using the same protocol in securing the ventilator circuitry. No rogue patient care. No Rubberbands. All ventilator dependent patients use Vent-Tie®
- **INTUITIVE DESIGN-** the Vent-Tie® is elegant in its simplicity. The anti-disconnect strap can be wrapped and secured to ANY tubing connector or interface, T-piece, Elbow or Closed Suction device. Unlike other devices, The VentTie® strap allows for clear, easy visualization of the connector site to assure proper connections at all times. The Combination, Two-N-One design saves on additional trach ties and devices. Reduces inventories.

***-Vent-Tie® - elegant in its simplicity -***



**Reference Data:**

**JCAHO**- Issue 25 - February 26, 2002

Preventing ventilator-related deaths and injuries:

As of January 2002, the Joint Commission has reviewed 23 reports of deaths or injuries related to long term ventilation--19 events resulted in death and four in coma. Of the 23 cases, 65 percent were related to the malfunction or misuse of an alarm or an inadequate alarm; **52 percent were related to a tubing disconnect**; and 26 percent were related to dislodged airway tube. A small percentage of the cases were related to an incorrect tubing connection or wrong ventilator setting. None of the cases were related to ventilator malfunctions. As the percentages indicate, ventilator-related deaths and injuries are often related to multiple failures that lead to negative outcomes. The majority of the cases occurred in hospital Intensive Care Units (ICUs), followed by long term care facilities and hospital chronic ventilator units

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**FDA** – Health Care Message-“Accidental Breathing Circuit Disconnections in Critical Care Settings” notes that “Antidisconnect Devices can be effective in reducing the occurrence of accidental disconnections”

**American Journal of Nursing**- MJ Janowski, Vol 84, No 2, “Accidental Disconnections in Breathing Systems” notes Disconnections consume nursing energy and divert attention from other aspects of patient care; Disconnections occur most frequently at the connection to the trach tube; Clinicians rarely use an anti-disconnect mechanism & preventive measures are for the most part inadequate.

**ECRI Institute:** “ 2012 -10 Most Hazardous Health Technologies”: # 1 **Alarm hazards.**

Alarms can be hazardous for several reasons, including alarm fatigue. Jim Keller, ECRI's vice president of health technology evaluation and safety. " [We] routinely see death associated with alarm problems."

**In-Service and Instructional Videos** are available at <http://www.peppermedical.com/venttie.html>

The Vent-Tie® does not replace the need for proper monitoring & alarms. Use in supervised care setting only.

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