



## **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 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.
- **REDUCE THE INCIDENCE OF DISCONNECT ALARMS**- Alarms are unsettling to 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.
- **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 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** –know that all your clinicians are using the same protocol in securing the ventilator circuitry. No rogue patient care. All vent 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 improving standardization and reducing 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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**American Journal of Nursing**- 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 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.

**Monitor alarm 'fatigue' on the rise September 14, 2010 by [Heather Mayer](#) , DOTmed News**

"There are so many different types of devices and products that have alarms built into them that there are lots of opportunities for failures to occur," says Jim Keller, ECRI's vice president of health technology evaluation and safety. "And they happen. [We] routinely see death associated with alarm problems."