

# Cuffix

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SCAN FOR  
INSTRUCTION VIDEO



**DISPOSABLE-PER PATIENT-ALL-IN-ONE**  
Pressure Regulation and Reading

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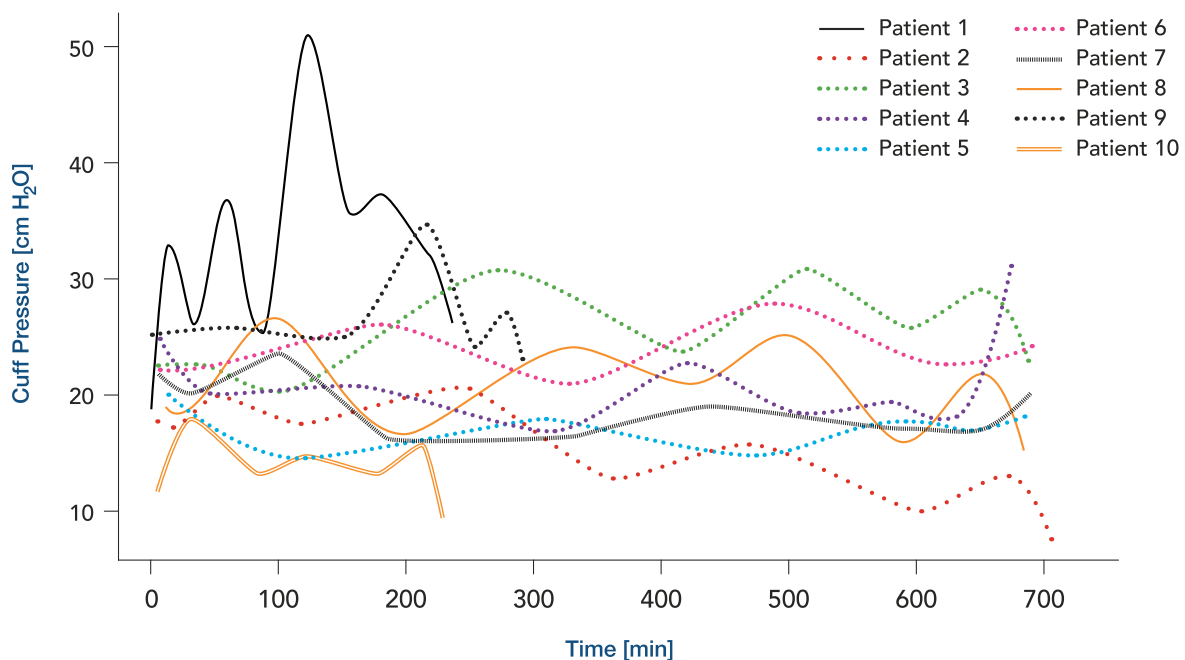
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# The Need

- Cuff balloon pressure must be kept within the safe range of 20-30 cmH<sub>2</sub>O:
  - Below 20cmH<sub>2</sub>O - at low pressure, secretion leaks increase the risk of VAP
  - Above 30cmH<sub>2</sub>O - at high pressure, tissue ischemia leads to a tracheal injury
- Pressure fluctuations increase the risk for VAP and for tracheal injury
- A cuff pressure reading must be taken during every ICU shift

# The Challenge

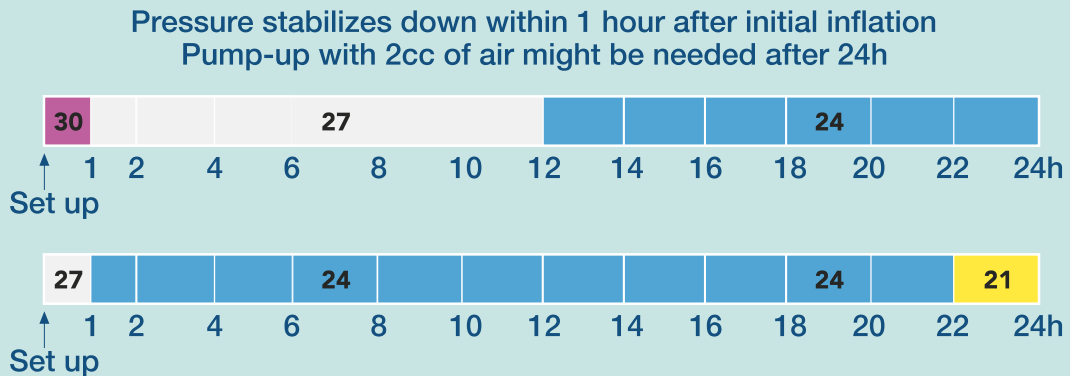
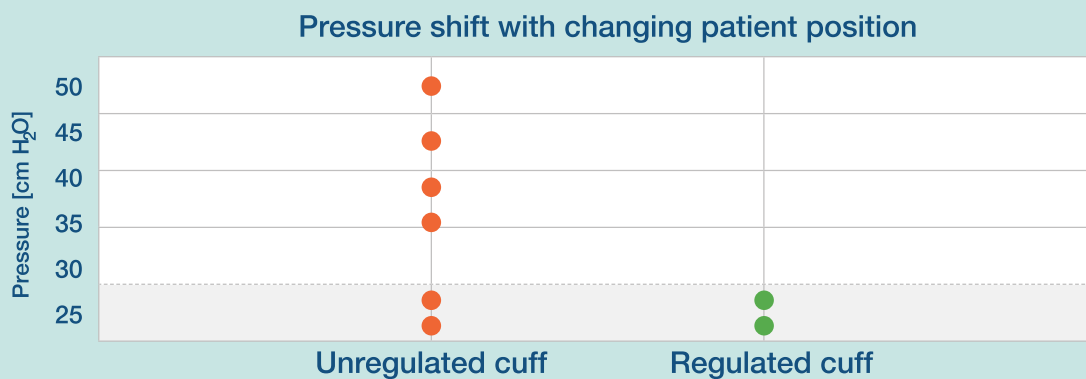
- Common pressure reading requires an external manometer to be attached and removed, taking time and disturbing cuff pressure
- Pressure fluctuations outside of the safe range go undetected for extended periods
- Other disposable pressure regulators do not provide a pressure reading



# The Solution

## Cuffix

- Continuous cuff pressure reading and regulation
- Light indicator for distance assessment
- Disposable
- 10 days operation
- Mobile



**AUTOMATICALLY ADJUSTS  
CUFF BALLOON PRESSURE  
TO KEEP IT STABLE AT THE  
DESIRED SAFE RANGE**



## ACCURATE. EFFICIENT. ADJUSTABLE.

The first disposable continuous cuff pressure regulator, with built-in precision pressure gauge. Cuffix automatically adjusts cuff ballon pressure to keep it stable at the desired safe range.



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# B-CARE ORAL CARE

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SCAN FOR  
INSTRUCTION VIDEO

**MORE EFFECTIVE  
EASY TO USE  
COMPACT**

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# More effective Easy to use Compact

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B-Care Oral Care is an innovative approach to oral care for intubated hospital patients. Featuring an atraumatic toothbrush with wide soft bristles and integrated delivery of oral disinfectant or moisturizing solution, B-care Oral Care simplifies nurse work to ensure a thorough cleaning and hydration of the oral cavity, to prevent infections and send patients home with healthy teeth and gums.

## The Need

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- Dental plaque biofilm can cause gingivitis and oral tissue bleeding
- Oral biofilm is a significant risk factor for hospital acquired infections (HAI)
- Common brushes may cause bleeding of patient sensitive gums
- During prolonged hospitalization, nursing staff are required to carry out a strict oral hygiene regime of brushing teeth and moisturizing inside the oral cavity
- If oral care is not carried out effectively, the patient's general health may be impacted, even after they are released from hospital

## The Challenge

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- Common oral care protocols are difficult to implement and comply with
- Common toothbrushes cause gum bleeding
- It is difficult to access and manipulate common brushes within the mouth of intubated patients
- Most of the commonly provided disinfection fluids get wasted - oral disinfection and moisturizing fluids do not transfer well from external containers onto the brush and tend to drip down, meaning that less than the required amount is actually applied to the patient's mouth



## The solution: B-CARE ORAL CARE

- Unique 360 degrees atraumatic brush
- Soft wide bristles – lower bleeding of gums
- Flexible loading of disinfection fluids from any source into pipette
- Simple one package per shift
- Compact and flexible kit



LOADING FLUIDS  
INTO PIPETTE



CONNECTING  
PIPETTE TO BRUSH



EJECTING  
FLUIDS

Pipette



Brush



Bendable Suction Rod



Swab



Disinfection Fluid



24h Kit



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