

# Cuffix

EFFICIENCY YOU CAN SEE®



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

**bioVO**  
technologies

EFFICIENCY YOU CAN SEE®

**BIG GREEN**  
SURGICAL COMPANY

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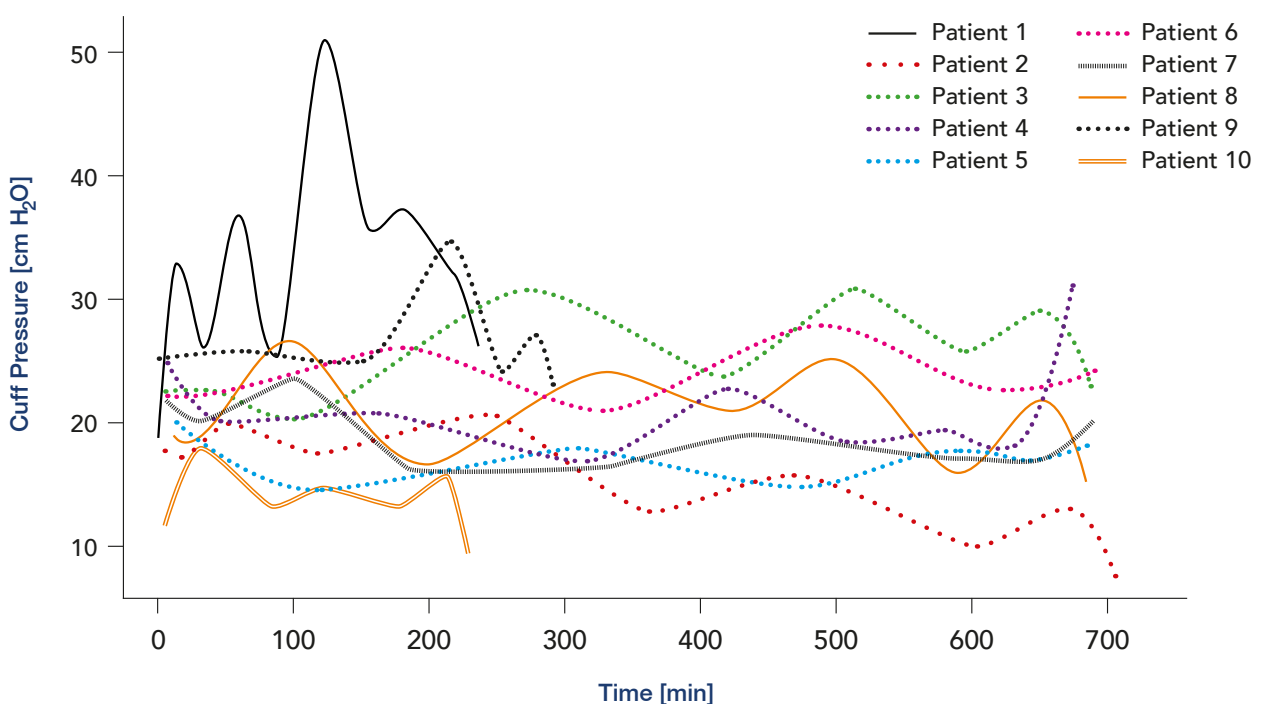


# The Need

- 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



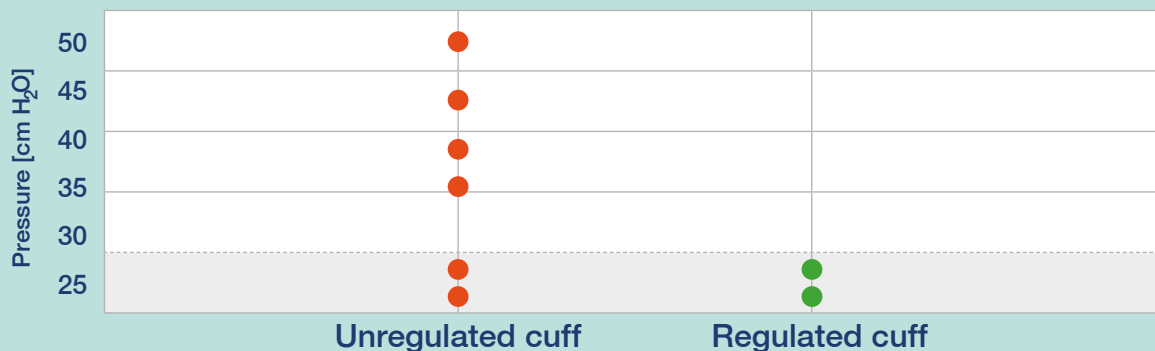
# The Solution

## Cuffix

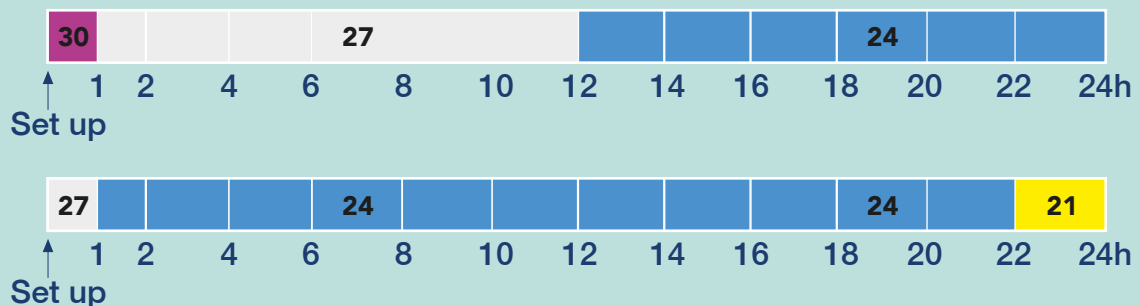
- Continuous cuff pressure reading and regulation
- Light indicator for distance assessment
- Disposable
- 10 days operation
- Mobile



Pressure shift with changing patient position



Pressure stabilizes down within 1 hour after initial inflation  
Pump-up with 2cc of air might be needed after 24h



**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 balloon pressure to keep it stable at the desired safe range.

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