



RankenJordan®
PEDIATRIC BRIDGE HOSPITAL

VOCSN Cough Assist For Child With Tracheostomy

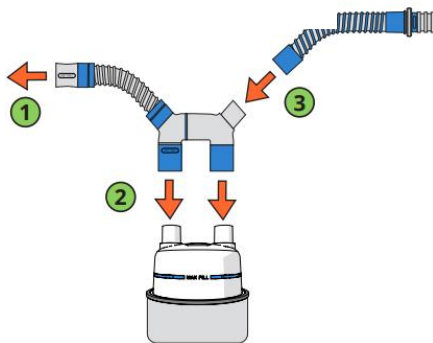


VOCSN Integrated Cough Assistive Therapy

The VOCSN Cough Assist removes mucus or secretions from the lungs through mechanically applied pressure. The therapy will provide pressure on both inhalation and exhalation imitating a natural cough. It is a very effective treatment to reduce the risk of retained mucus which could lead to a lung infection.

How is the cough assist connected to you child?

The cough assist can be attached directly to the tracheostomy tube with different adapters:



1. Connect the flexible Ventec Humidifier Bypass tubing to the external bacterial filter
2. Connect the Ventec Humidifier Bypass to the humidifier
3. Connect the heated wire Ventec One-Circuit to the Ventec Humidifier Bypass
 - A. Two-Step Adapter, REF # 001824
 - B. 22 x 22mm adapter, may just use 22 x 15mm adapter and omit option C
 - C. Omni flex adaptor, REF #3222
 - D. Inline Suction, or PEEP Keep adapter

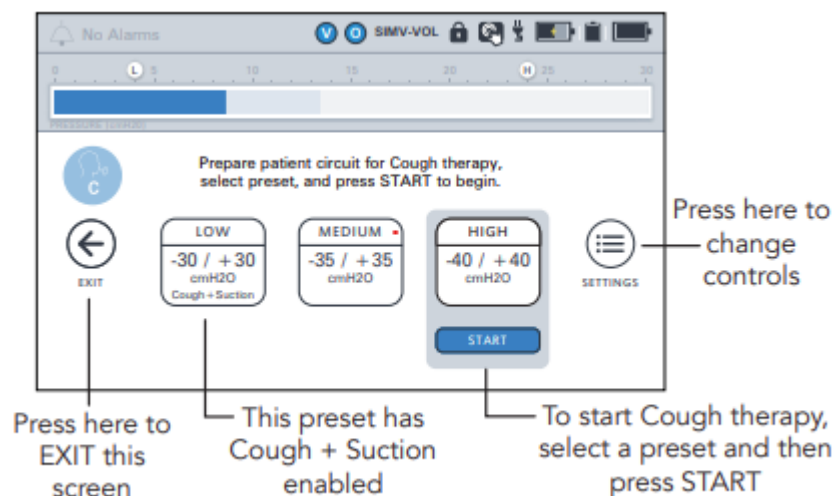
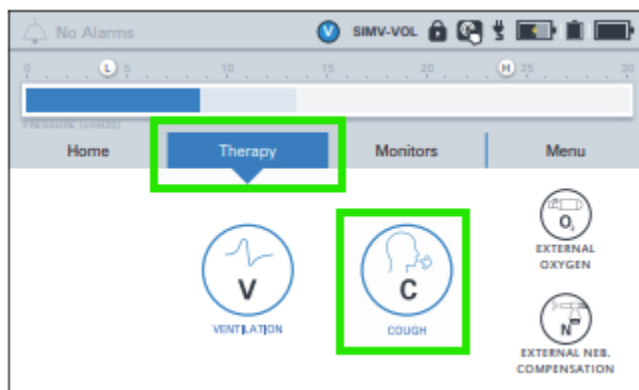
The cough assist can be connected with an elbow adapter, like a PEEP Keep (A) or in-line suction catheter (B).



Steps to using the VOCSN Integrated Cough Assistive Therapy

1. Gather all equipment, as seen on the first page.
2. Gather suction supplies.
3. Place your child in an upright sitting position, as tolerated.
4. If your child has a cuffed tracheostomy, deflate the cuff during the treatment if not already deflated.

1. Ensure suction supplies are available and ready to use.
2. Press the THERAPY tab, and then the COUGH button.
3. If needed, set the Cough controls to provide the prescribed therapy.
4. Ensure the desired Cough Preset is selected, and then press START to begin therapy.
5. Cough therapy will deliver the configured number of Cough Cycles, unless Cough therapy is stopped using the STOP button.
6. When the configured Cough therapy completes, Ventilation will resume automatically.
7. If there are visible secretions at the trach hub during therapy, suction via inline catheter or sterile suction technique via PEEP Keep.
8. After the treatment is complete: make note of the date, time, quantity/consistency of your child's secretions.



Your Child's Settings:

Preset 1

Inhale pressure: _____ cm H₂O

Inspiratory time: _____ sec. ☐ NA

Exhale pressure: _____ cm H₂O

Expiratory time: _____ sec. ☐ NA

Pause time: _____ sec. ☐ NA

Preset 2

Inhale pressure: _____ cm H₂O

Inspiratory time: _____ sec. ☐ NA

Exhale pressure: _____ cm H₂O

Expiratory time: _____ sec. ☐ NA

Pause time: _____ sec. ☐ NA

Preset 3

Inhale pressure: _____ cm H₂O

Inspiratory time: _____ sec. ☐ NA

Exhale pressure: _____ cm H₂O

Expiratory time: _____ sec. ☐ NA

Pause time: _____ sec. ☐ NA

Recommendations:

To Learn More:

- Respiratory Care
314-684-1495
- Ask your child's Healthcare
Provider
- <https://venteclife.com>