

VitalCough[®] System

Airway Clearance for an Ineffective Cough



Enhancing outcomes for patients and their caregivers:

Hill-Rom

The VitalCough® System

The Problem

Keeping lungs clear of mucus is important to respiratory health. Retained secretions collect in the lungs, creating an environment for infection. Mechanical Insufflation/Exsufflation (MI/E) therapy products are important for patients who have weakened cough and are unable to remove secretions from the large airways without assistance.



The Solution

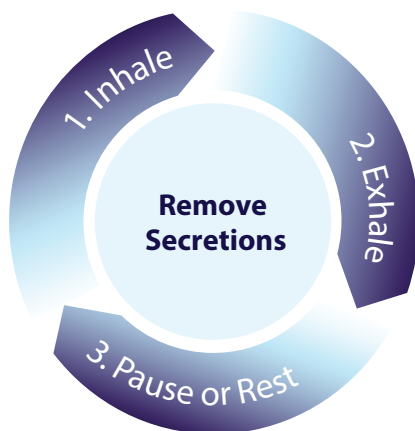
The VitalCough® System from Hill-Rom is a noninvasive therapy that simulates a cough to remove secretions in patients with compromised peak cough flow.



Designed to be easy to use for trained caregivers and patients at home, hospital, nursing care or rehabilitation settings.

How it Works

The system supplies positive pressure (inhale) to inflate the lungs, then quickly shifts to supply negative pressure (exhale), during this process secretions are sheared and can be expectorated or removed with suction. After the exhale, the system pauses and maintains a resting positive pressure flow to the patient.



PAP on Pause

Positive airway pressure (PAP) feature is exclusive to the Hill-Rom VitalCough® System.



Easy to Use

The VitalCough® System is designed to be easy to use for trained caregivers and patients. Manual and Automatic modes can be programmed using a simple touch-screen.

Therapy Delivery Options

- *Face Mask*
- *Mouthpiece*
- *Can be used on endotracheal and tracheostomy patients with appropriate adapter.*

Indications for Use

The VitalCough® System is intended for use on patients unable to cough or clear secretions effectively due to reduced peak cough expiratory flow resulting from high spinal cord injuries, neuromuscular deficits or severe fatigue associated with intrinsic lung disease.

Patients who may benefit from the VitalCough® System include, but are not limited to, those with the following conditions:

- *Muscular Dystrophy*
- *Spinal muscular atrophy*
- *Amyotrophic Lateral Sclerosis*
- *Spinal cord injuries*
- *Myasthenia gravis*
- *Post polio*

Trust Hill-Rom

When choosing a cough therapy device, choose the VitalCough® System from Hill-Rom for these clear advantages:

- *Distributed directly by Hill-Rom*
- *Dedicated customer service and clinical support*
- *Licensed healthcare professionals provide one-on-one training*

Hill-Rom Respiratory Care is a division of Hill-Rom, a leading worldwide manufacturer and provider of medical technologies and related services for the health care industry, with over 80 years of innovation and excellence.

The Hill-Rom Difference

The VitalCough® System is distributed directly by Hill-Rom and supported by our dedicated customer service and clinical field representatives. It's the most efficient way to help your patients breathe easier every day.

System Features

- Positive Airway Pressure (PAP) on pause resting positive pressure mode from 0–15 cm H₂O
- Use with mouthpiece, face mask, or standard endotracheal/tracheostomy tube adapter
- Color touch screen
- Positive pressure (Inhale) + 50 cm H₂O
- Negative pressure (Exhale) - 50 cm H₂O
- Maximum Exhalation Flow ≥ 7 liters/second
- Inhalation Flow: high ≥ 7 L/sec medium ≥ 4.9 L/sec and low ≥ 3.5 L/sec
- Automatic mode or manual
- Lightweight 15 pounds, 15.7" L x 10" W x 7.4" H
- Power: 110/220 VAC 50–60 Hz

Ordering The VitalCough® System for Home Care Use

If you have questions, call 800-426-4224, or contact your local sales representative.

Healthcare Team Responsibilities

- Completes the Order Form
- Sends completed form to Hill-Rom for processing
- Forms can be faxed to 800-870-8452
- The Order Form can be faxed to Hill-Rom prior to the patient sending their required form

Patient Responsibilities

- Completes the Terms, Conditions, and Responsibility (TCR) Form
- Sends completed form to Hill-Rom for processing
- Forms can be faxed to 800-870-8452
- The patient can contact Hill-Rom's Advanced Respiratory Care Customer Service team with questions prior to completing the form

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Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.

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186804 rev 5 16-NOV-2016 ENG – US

For further information about this product or a service, please contact your local Hill-Rom representative or visit our webpage:

800.426.4224

www.respiratorycare.hill-rom.com

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