Hillrom™

# RESPIRATORY THERAPIES FOR ACUTE CARE ENVIRONMENTS













# HELPING ACUTE PATIENTS BREATHE EASIER

Every day, you see patients with respiratory issues. Their conditions vary widely, their needs are complex, and treating them can be challenging. At Hillrom, helping you help them is our passion. Our portfolio of demonstrated effective therapies, from airway clearance to noninvasive ventilation, is designed to meet the needs of a wide range of hospital patients, helping accelerate recovery and support continuity of care at home.

## PATIENT POPULATIONS

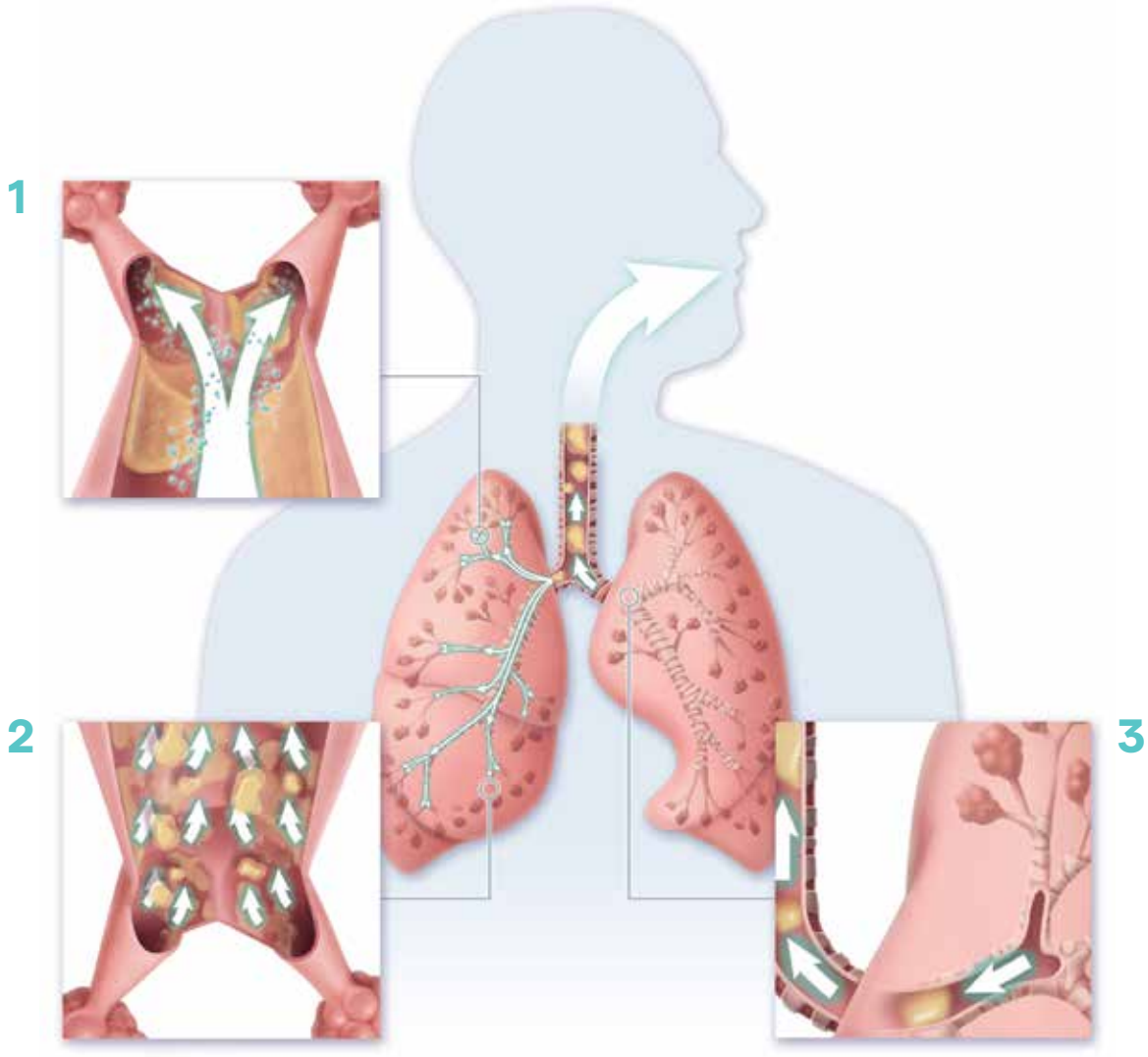
- Pneumonia
- Pulmonary insufficiency
- Cerebral palsy
- Respiratory failure
- Atelectasis
- Post-operative
- COPD
- Trauma
- Neuromuscular diseases
- Cystic fibrosis (CF)
- Bronchiectasis (BE)
- Burn
- Spinal cord injury (SCI)
- Stroke
- Transplant

## HOSPITAL DEPARTMENTS

- Emergency
- ICU
- Medical/Surgical
- Specialty ICU
- Pediatrics
- Bariatrics
- Intermediate Care
- CF Clinic
- Subacute
- Rehab
- Burn

# INDUSTRY-LEADING AIRWAY CLEARANCE THERAPIES

If patients are unable to clear mucus from their lungs it accumulates, creating an environment where bacteria can grow, causing lung infections and further damage. To help disrupt this cycle of infection and deteriorating lung function, Hillrom offers a portfolio of therapies that target the three essential processes in airway clearance: Expansion of the lungs, mobilization of secretions, and evacuation of secretions.




### 1 EXPANSION

CPEP (Continuous Positive Expiratory Pressure) therapy expands the lungs to prevent or treat atelectasis, enabling mobilization and evacuation of secretions.

### 2 MOBILIZATION

CHFO (Continuous High Frequency Oscillation) and HFCWO (High Frequency Chest Wall Oscillation) therapies use continuous pulses of positive pressure to loosen and mobilize secretions to the large airways.

### 3 EVACUATION

MIE (Mechanical Insufflation/Exsufflation) therapy simulates a cough to evacuate secretions from the large airways.

## THE VOLARA™ SYSTEM

### Oscillation and Lung Expansion

**Expansion and mobilization, with aerosol delivery**

Highly efficient 3-in-1 OLE therapy that combines CPEP, CHFO and aerosol delivery. Can be used with a mouthpiece, mask or tracheostomy.

**APPLICATIONS**

- Lung expansion therapy
- Prevention and treatment of pulmonary atelectasis
- Mobilization of secretions
- Aerosol medication delivery
- Supplemental oxygen delivery when used with oxygen supply



## THE VEST® MODEL 205

### Airway Clearance System

**Mobilization therapy, designed for acute care settings**

Delivers HFCWO therapy to mobilize secretions to the large airways, where they can be evacuated by coughing or suctioning.

**APPLICATIONS**

- Secretion mobilization for patients with:
  - Evidence or suggestion of retained secretions
  - Difficulty with secretion clearance
- Collection of secretions for diagnostic evaluation




## THE SYNCLARA™ COUGH SYSTEM

**Evacuation of secretions, with indivualized cough simulation therapy**

Delivers MIE therapy with design enhancements for individualization and improved patient comfort. Can be used with a mouthpiece, mask or tracheostomy.

**APPLICATIONS**

- Secretion evacuation for patients who are unable to cough or clear secretions effectively from upper airways, due to reduced peak cough expiratory flow or respiratory muscle weakness. The Synclara Cough System is intended to deliver therapy to the population of pediatric to adult patients in the acute care setting.




15

# LIFE2000® SYSTEM:
# VENTILATION WITH TRUE MOBILITY

An innovative non-invasive option for patients who have progressed beyond urgent or mechanical intervention, the Life2000 Ventilation System is a wearable ventilator designed to facilitate ambulation.

- 1-pound unit, designed for mobility
- Supports early mobility milestones—sitting, standing, walking
- Facilitates progress from higher to lower acuity settings
- Mask-free interface enhances patient comfort
- Proprietary Proportional Open Ventilation® (POV®) technology provides needed volume without the drawbacks of a mask
- For use in hospital and at home












## INDUSTRY-LEADING SUPPORT

All Hillrom products come equipped with the signature support Hillrom is known for. We partner with you to customize your therapies, and provide the resources you need to get the best possible outcomes for your patients.

- Personalized in-service training
- Therapy evaluation
- Continuing Education courses
- Network of like-minded clinicians
- Baseline therapy guidelines
- Protocols
- Customized return on investment analysis



Hillrom™

## ABOUT HILLROM

Hillrom is a global medical technology leader whose 10,000 employees have a single purpose: enhancing outcomes for patients and their caregivers by advancing connected care. Around the world, our innovations touch over 7 million patients each day. They help enable earlier diagnosis and treatment, optimize surgical efficiency and accelerate patient recovery while simplifying clinical communication and shifting care closer to home. We make these outcomes possible through connected smart beds, patient lifts, patient assessment and monitoring technologies, caregiver collaboration tools, respiratory care devices, advanced operating room equipment and more, delivering actionable, real-time insights at the point of care. **Learn more at hillrom.com**.

For further information about products and services, please contact your Hillrom sales representative or call Hillrom customer service at 1-800-426-4224.

**respiratorycare.hill-rom.com**

Volara™ and Synclara™ are trademarks and The Vest® is a registered trademark of Hillrom Services PTE Ltd. Life2000®, Proportional Open Ventilation® and POV® are registered trademarks of Breathe Technologies, Inc., a Hillrom company. Hillrom reserves the right to make changes without notice in design, specifications and models. The only warranty Hillrom makes is the express written warranty extended on the sale or rental of its products.

© 2020 Hill-Rom Services PTE Ltd. ALL RIGHTS RESERVED APR61002 rev 2 04-MAY-2020 ENG – US