

Hill-Rom® Comprehensive Pulmonary Therapy Solution

Therapies for the prevention and treatment of pulmonary complications



Enhancing outcomes for patients and their caregivers:

Hill-Rom

Hill-Rom's Comprehensive Pulmonary Therapy

Solutions for preventing and treating pulmonary complications can vary significantly depending on unit. With the innovative technology of the MetaNeb® system, Hill-Rom provides a comprehensive Bed System with the innovative technology of the MetaNeb® system, Hill-Rom provides a comprehensive

Developing a pulmonary complication can increase hospital length of stay by 8 additional days.



Up to
40%
of post-surgical patients
experience PPC.¹



Greater hospital length of
stay (LOS), ICU and hospital
readmissions, mortality, and
healthcare costs.¹

Baseline Therapy

The Progressa® Bed System offers two different external therapies to help with secretion management.

Continuous Lateral Rotation Therapy (CLRT)

- For patients expected to be on ventilation >48 hours, start CLRT right away.
- Surface based rotation designed to achieve lung over lung patient positioning.

Percussion & Vibration Therapy

- For patients showing signs of secretion issues activate Percussion & Vibration Therapy.
- Surface based therapy that pulsates beneath the patient to gently loosen lung secretions.

Who Can Benefit?

- Immobile or limited mobility patients, patients with chronic lung disease, ventilated patients, critically ill patients who are deemed hemodynamically stable.



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unique patient needs and patient environments. By combining the pulmonary therapies of the Progressa® solution with complementing therapies suited for a wide variety of patient pulmonary needs.

Providing effective pulmonary therapies for critical care patients leading to improved clinical outcomes.



Up to

1 DAY

reduction in ICU length of stay with lung expansion therapy.²



50%

Reduction in pulmonary complications.³



Advanced Therapy

The MetaNeb® System provides patients an effective and consistent 3-1 therapy to prevent and treat pulmonary atelectasis.

Lung Expansion

- Internal lung expansion through continuous positive expiratory pressure (CPEP).

Secretion Mobilization

- After lungs have been expanded, continuous high frequency oscillation (CHFO) is introduced to break up secretions.

Aerosol Delivery

- Integrated aerosol medication or saline is delivered during both lung expansion and secretion clearance.

Who Can Benefit?

- High risk patients with excessive secretion production, ineffective cough, and inadequate lung expansion and patients requiring internal therapy for mobilization of secretions and lung expansion therapy.

Hill-Rom is a leading global medical technology company with approximately 10,000 employees worldwide. We partner with health care providers in more than 100 countries by focusing on patient care solutions that improve clinical and economic outcomes in five core areas: **Advancing Mobility, Wound Care and Prevention, Clinical Workflow, Surgical Safety and Efficiency, and Respiratory Health.** Around the world, Hill-Rom's people, products, and programs work towards one mission: **Every day, around the world, we enhance outcomes for patients and their caregivers.**

1. Restrepo R, et al. "Current challenges in the recognition, prevention and treatment of perioperative pulmonary atelectasis". Expert Rev. Respir. Med. 9(1), 97–107 (2015).
2. Nyland B, et al. Volume Expansion Protocol With Intention to Reduce Respiratory Complications in Trauma Patients. Presented at the American Association for Respiratory Care Congress, November 7-10, 2015.
3. Qaseem, A., et al. Ann Intern Med. 2006.

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