Hillrom™

The Volara™ System

Oscillation & Lung Expansion Therapy

MAXIMIZE PATIENT OUTCOMES IN ACUTE CARE SETTINGS

EXCITING ADVANCEMENTS IN A THERAPY YOU TRUST

Oscillation and Lung Expansion (OLE) therapy has been widely embraced as a proven airway clearance therapy for hospital patients.[1] Now, with The Volara™ System, industry-leading OLE therapy is easier to deliver, more consistently, for a broader range of patients, throughout the hospital—and even at home.

Shorter cycle. Faster results.[1]

Alternating cycles of Continuous Positive Expiratory Pressure (CPEP) and Continuous High Frequency Oscillation (CHFO) combine with aerosol delivery to help maximize therapy effectiveness. In fact, OLE therapy with The Volara System takes just 10 minutes to deliver.

CPEP

Continuous Positive Expiratory Pressure treats and helps prevent pulmonary atelectasis by combining continuous positive pressure with aerosol medication, to help expand and hold the airways open.

CHFO

Continuous High Frequency Oscillation, a pneumatic form of chest therapy, delivers continuous pulses of positive pressure combined with aerosol medication to mobilize and treat retained secretions.

NEBULIZER

Integrated with CPEP and CHFO for maximum treatment efficiency, medication is delivered during therapy to help loosen secretions.

Clinically proven therapy for patients hospital-wide[2,3]

Tested and proven in acute care settings, OLE therapy has been shown to provide outstanding clinical outcomes.

1.6 DAYS[1]
REDUCTION IN HOSPITAL LENGTH OF STAY

64%[1]
REDUCTION IN TIME ON VENTILATOR

2 DAYS[1]
REDUCTION IN ICU LENGTH OF STAY

12%[4]
REDUCTION IN ICU BOUNCE-BACK

The Volara System gives you the versatility to deliver important benefits to patients in multiple hospital settings, with features including:

- **Wide therapeutic pressure range:** Allows you to treat a broad range of patients
- **Programmable therapy presets**: Facilitates standardization of therapy across patient groups
- **Enhanced device mobility:** Enables use throughout the hospital

VERSATILE DESIGN
PRECISION DELIVERY

Intuitive interface for simplified operation

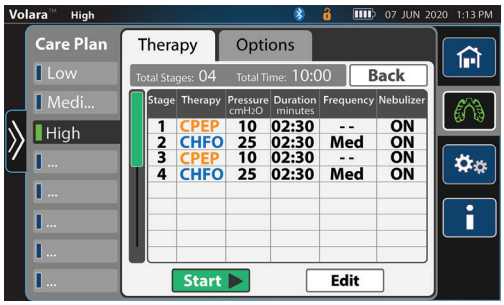
Interface shows therapy parameters at a glance

Digital touchscreen allows precise setting of pressures and programs

Preset protocols support precision and continuity of care

One-button operation provides quick access to frequently used presets

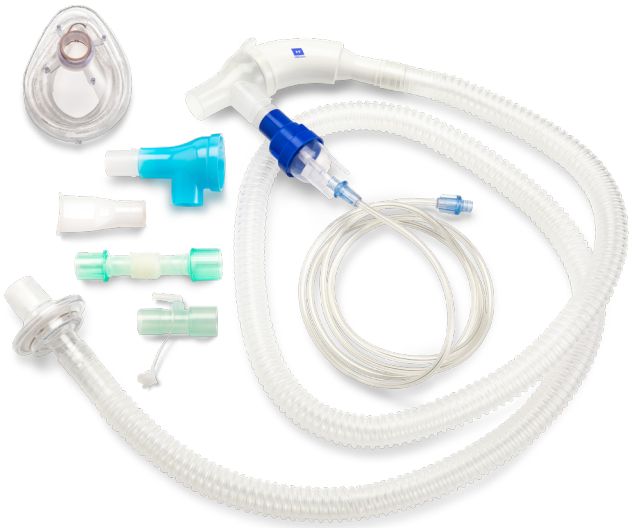
Send therapy data to EHR with a standard HL7 interface



Give your team more control by programming multiple protocols into the device

At-a-glance therapy summary shows you treatment details when session is complete

Treat a broad range of patients, with seamlessly-integrated circuit adaptors.



Patented Smart-Filter™ technology with integrated RFID tag tracks single-patient-use circuit for up to 90 treatments

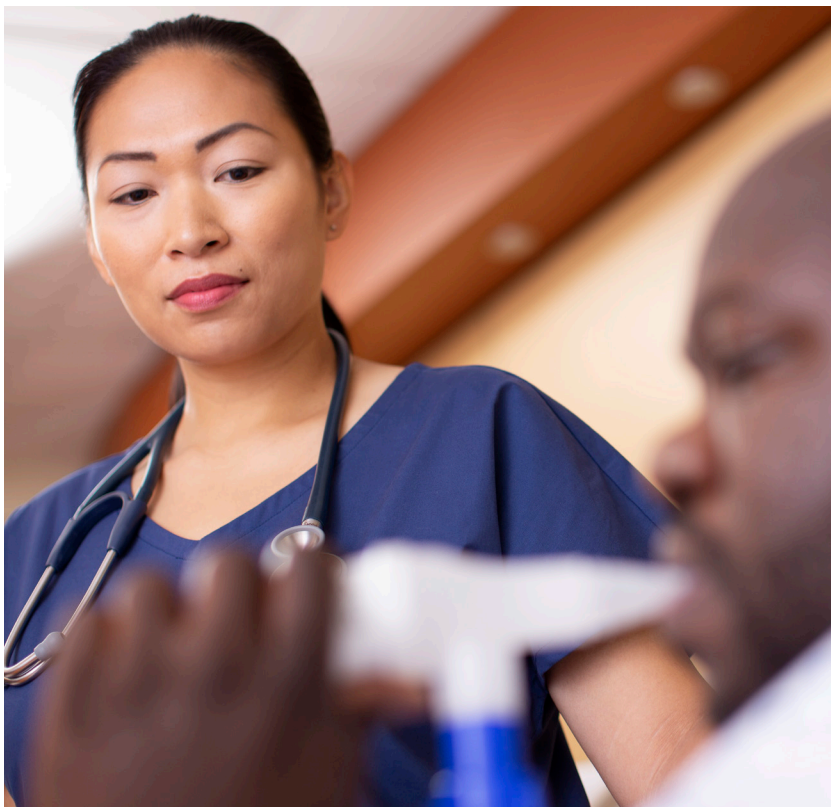
Made for portability

Lightweight, compact design with ergonomically designed stand for easy portability throughout the hospital

Dual power source with battery operation and built-in compressor, for operation in a variety of hospital settings

HELP MORE PATIENTS BREATHE EASIER

The Volara System makes OLE therapy practical and accessible to more patients in acute care settings. And when they're discharged, they can continue their OLE therapy at home, using your settings and protocols.



PATIENTS

- Acute
- Chronic
- Trauma
- Post-op
- Geriatric
- Bariatric
- Pediatric

CONDITIONS

- Pneumonia
- Post-Op
- COPD
- Trauma
- Neuro
- Pediatrics
- Burn
- Bronchiectasis (BE)
- Cystic fibrosis (CF)
- Spinal cord injury (SCI)
- Stroke
- Transplant

DEPARTMENTS

- Emergency Department
- Intensive Care
- Gen Med/Surgery
- Pediatric

Industry-leading service and support

The Volara System comes equipped with the signature support Hillrom is known for. We partner with you to customize your OLE solution, 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 or services, please contact your Hillrom sales representative or Hillrom customer service at 1-800-426-4224.

respiratorycare.hill-rom.com

[1] Huynh TT, Liesching TN, Cereda M, Lei Y, Frazer MJ, Nahouraii MR, Diette GB, Efficacy of Oscillation and Lung Expansion in Reducing Postoperative Pulmonary Complication, Journal of the American College of Surgeons (2019)
[2] Clinical Network Survey. September 10, 2018. n=44. Data on file.
[3] Hillrom. (2018). The MetaNeb® System: A Guide to Clinical Outcomes (206762 rev 2). St. Paul, MN.
[4] Nyland B, Spilman S, Halub M, et al. A preventative respiratory protocol to identify trauma subjects at risk for respiratory compromise on a general in-patient ward. Respiratory Care. 2016. doi:10.4187/respcare.04729.

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