



Hillrom™

Volara System

Oscillation and 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.

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 DAYS¹
REDUCTION IN HOSPITAL
LENGTH OF STAY

68%¹
REDUCTION IN TIME
ON VENTILATOR

2 DAYS¹
REDUCTION IN ICU
LENGTH OF STAY

12% – 0%⁴
ASSOCIATED WITH
A 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

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.



VERSATILE DESIGN

PRECISION DELIVERY

Intuitive interface for simplified operation

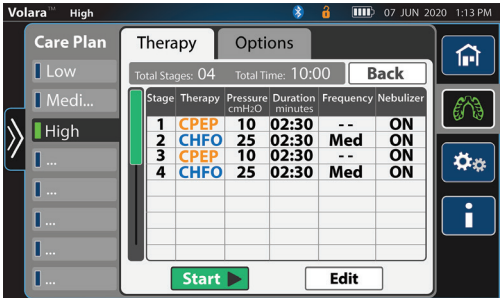
Interface shows therapy parameters at a glance

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

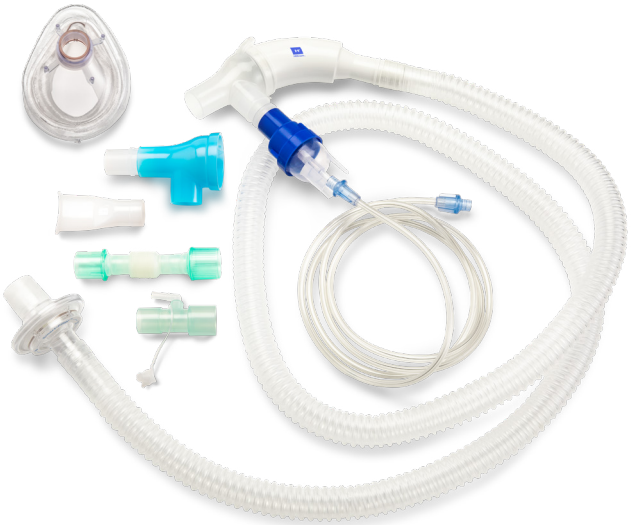


Give your team more control by programming multiple protocols into the device



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 BAXTER

Every day, millions of patients, caregivers and healthcare providers rely on Baxter's leading portfolio of diagnostic, critical care, kidney care, nutrition, hospital and surgical products used across patient homes, hospitals, physician offices and other sites of care. For 90 years, we've been operating at the critical intersection where innovations that save and sustain lives meet the healthcare providers who make it happen. With products, digital health solutions and therapies available in more than 100 countries, Baxter's employees worldwide are now building upon the company's rich heritage of medical breakthroughs to advance the next generation of transformative healthcare innovations. To learn more, visit www.baxter.com and follow us on Twitter, LinkedIn and Facebook.

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

hillrom.com

References

- 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. (2022). OLE: A Guide to Clinical Outcomes (206762 rev 3). 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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