

**Baxter**

VOLARA SYSTEM




MAXIMIZE PATIENT  
OUTCOMES

In Acute Care Settings



# EXCITING ADVANCEMENTS IN A THERAPY YOU TRUST

A young boy with short brown hair is lying in a hospital bed, wearing a light blue hospital gown. He is looking directly at the camera with a neutral expression. He is using a clear plastic nebulizer mask that covers his nose and mouth. The mask is connected to a white nebulizer device. The background is a blurred hospital room with white linens. The overall lighting is soft and clinical.

Oscillation and Lung Expansion (OLE) therapy has been widely embraced as a proven airway clearance therapy for hospital patients.<sup>1</sup> 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.<sup>1</sup>

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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.

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

## CLINICALLY PROVEN THERAPY FOR PATIENTS HOSPITAL-WIDE<sup>2,3</sup>

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

# 1.6 DAYS<sup>1</sup>

REDUCTION IN HOSPITAL LENGTH OF STAY

# 2 DAYS<sup>1</sup>

REDUCTION IN ICU LENGTH OF STAY

# 68%<sup>1</sup>

REDUCTION IN TIME ON VENTILATOR

# 12%<sup>1</sup> - 0%<sup>4</sup>

ASSOCIATED WITH A REDUCTION IN ICU BOUNCE-BACK



# 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



## MADE FOR PORTABILITY

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



## 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



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



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

# 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    Bronchiectasis  
Post-Op        Cystic fibrosis  
COPD           Spinal cord injury  
Trauma         Stroke  
Neuro           Transplant  
Pediatrics  
Burn

## DEPARTMENTS

Emergency  
Department  
Intensive Care  
Gen Med/Surgery  
Pediatric







## FOR FURTHER INFORMATION ABOUT PRODUCTS AND SERVICES

Please contact your Baxter sales representative or  
call Baxter customer service at **1-800-426-4224**.

### References

1. Huynh TT, Liesching TN, Cereda M, Lei Y, Frazer MJ, Nahouraii MR, et al. Efficacy of Oscillation and Lung Expansion in Reducing Postoperative Pulmonary Complication, *JACS* (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. *Respir Care*. 2016. doi:10.4187/respcare.04729.

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