

# Discover the next level of OLE therapy

The BiWaze® Clear system innovates oscillating lung expansion (OLE) therapy with an advanced design that:

DELIVERS unmatched aerosol efficiency, deeper into the lungs<sup>1</sup>.

FEATURES a closed breathing circuit with Aerogen® Solo and built-in controller.\*\*

PROVIDES an exclusive expiratory flow bias during high frequency oscillations.<sup>2</sup>

INCLUDES a lithium-ion battery with every light-weight system.

SIMPLIFIES therapy setup and delivery with an intuitive touchscreen.



BiWaze Clear expands airway clearance across the continuum of care, from hospital to home

## Specifications

<b>PEP Pressure</b>	1 to 30 cm H2O
<b>Oscillation Pressure</b>	5 to 70 cm H2O
<b>Neb Pressure</b>	1 cm H2O
<b>Oscillation Frequency</b>	Low (3 Hz), Med (4 Hz), High (5 Hz)
<b>Phase Duration</b>	5 seconds – 30 minutes
<b>Modes</b>	Auto & Manual
<b>Presets Available</b>	Up to 10
<b>Weight</b>	9 lbs with battery
<b>Battery</b>	Included with every system
<b>Number of therapies per battery charge</b>	10 nominal therapies*
<b>Patient Inferences</b>	Mouthpiece, Face Mask, Trach Adapter (hospital to home) and In-Line with a Ventilator (hospital only)

\* Nominal = a 10 minute therapy

\*\* FDA Indication to use the Aerogen nebulizer with saline solution only.

1 DiBlasi, R, et al. (2023). BiWaze Clear Aerosol Comparison White Paper. Seattle Childrens Hospital and Research Institute. <https://abmrc.com/wp-content/uploads/2023/07/BiWaze-Clear-Aerosol-Comparison-White-Paper.pdf>

2 Bench Study. Internal data on file.

3 Huynh, T., et al. Efficacy of Oscillation and Lung Expansion in Reducing Postoperative Pulmonary Complication. *Journal of the American College of Surgeons* 229(5):p 458-466e1, November 2019.

Rx Only

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RESPIRATORY CARE

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[www.abmrc.com](http://www.abmrc.com) or call customer support: 1-877-ABM-RC01 (877-226-7201)



Respiratory Therapy

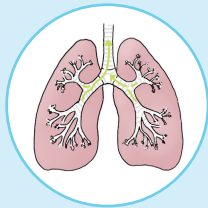
BiWaze® Clear  
SYSTEM

# One system, three therapies

The BiWaze® Clear System delivers OLE therapy in just 10 minutes through a combination of the following therapies:

## Positive Expiratory Pressure (PEP):

The system delivers a programmed positive pressure which the patient exhales against to open and expand the patient's airways. The Aerogen® Solo can be configured to run during PEP therapy to help move the aerosol throughout the airways.



## High Frequency Oscillation:

The system oscillates the airways with pulses of positive pressure to thin secretions and mobilize them from the lower airways to the upper airways so they can be coughed or sectioned out. The Aerogen® Solo can be configured to run during oscillation therapy to help move the aerosol throughout the airways.



## Nebulizer:

The system powers only the Aerogen® Solo vibrating mesh nebulizer to deliver medicated aerosol without PEP or oscillations.

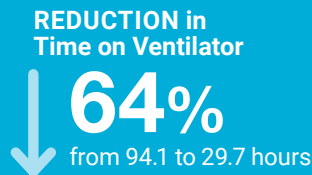
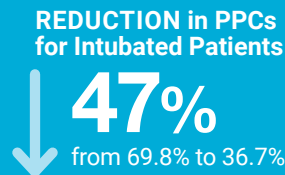
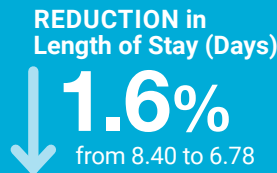
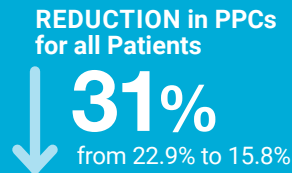


## Greater deposition of aerosol

In vitro study found BiWaze Clear delivers a greater deposition of aerosol to the lungs compared to the Volara. The closed, dual lumen breathing circuit with the Aerogen® Solo nebulizer has a profound impact on aerosol delivery.<sup>1</sup>



## Reduce Postoperative Pulmonary Complications (PPCs) with OLE therapy<sup>3</sup>



## Broadly addressing airway clearance throughout the hospital

BiWaze Clear is indicated for the mobilization of secretions, lung expansion, and for the treatment and prevention of pulmonary atelectasis, for adult and pediatric patients.

Patient Conditions	Hospital Department
Pneumonia	Emergency
Respiratory failure	ICU
Cardiothoracic surgery	Medical / Surgical
Postoperative	Pediatrics
Pulmonary exacerbation	Bariatrics
Spinal Cord Injuries	Trauma / Burn
Stroke	Transplant
COPD	Rehab
Cystic fibrosis	Subacute
Bronchiectasis	Long-Term Care

