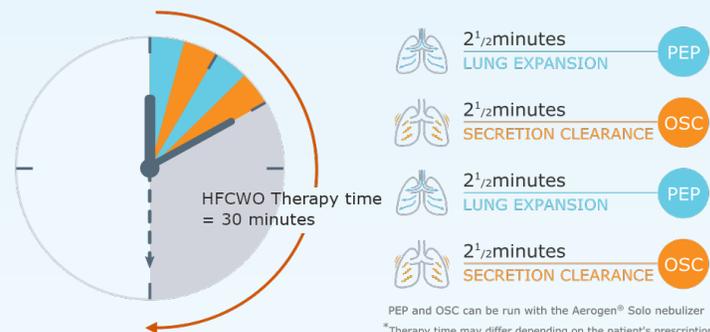




How does the BiWaze Clear System work?

BiWaze® Clear System provides oscillating lung expansion (OLE) therapy to help treat and prevent atelectasis, remove retained secretions from deep in the lungs and reduce work of breathing. BiWaze Clear expands and clears the airways through a combination of airway clearance therapies in just 10 minutes. Alternating therapies of lung expansion and high frequency oscillation combined with nebulization helps calm inflamed airways and thin mucus.

BiWaze® Clear Therapy = 10 minutes*



Differentiators

- Expiratory flow bias during oscillations
- Superior aerosol deposition to the lungs¹
- Closed circuit design with an Aerogen® Solo nebulizer
- Dual air-path control to separate inhaled and exhaled air
- Stored therapy profiles (up to 10)
- Advance therapy programming to customize each therapy phase
- Touchscreen control
- Light weight system (9 lbs) including battery
- A lithium-ion battery is included with each system



SUPERIOR AEROSOL DELIVERY

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

5X MORE
DURING PEP THERAPY

3X MORE
DURING OSC THERAPY

AEROSOL DEPOSITION IN THE LUNGS

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-Evaluation-White-Paper.pdf>

REDUCTION IN POSTOPERATIVE PULMONARY COMPLICATIONS WITH OLE THERAPY

Research shows that OLE therapy reduced the rate of postoperative pulmonary complications (PPCs) in high-risk patients as classified by the American Society of Anesthesiologists (ASA). PPCs may result in morbidity, mortality and healthcare expenditures.²

POSTOPERATIVE PULMONARY COMPLICATIONS

DOWN 31%
FROM 22.9% TO 15.8%
ALL PATIENTS

DOWN 45%
FROM 48.6% TO 26.9%
PATIENTS WITH ASA 4/5

REDUCTION IN LENGTH OF STAY (DAYS)

DOWN 2.0
ICU DAYS

DOWN 1.6
HOSPITAL DAYS

2. 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. J Am Coll Surg. 2019 Nov;229(5):458-466.e1. doi: 10.1016/j.jamcollsurg.2019.06.004. Epub 2019 Jul 27. PMID: 31362061.

RESOURCES



website



overview



training

TARGET PATIENT POPULATION

BiWaze Clear can be used throughout the continuum of care, hospital to home for pediatric and adult patients.

DEPARTMENTS

- Emergency Department
- Trauma
- Surgery
- Intensive Care Units

PATIENT CONDITIONS

- Pneumonia
- Trauma
- Burn
- Stroke
- Shallow breathing / hypoventilation
- Inadequate airflows
- Mucus plugging
- Pain associated with chest wall injury or incisions
- Pulmonary exacerbation
- Postoperative pulmonary complications

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For further information about this product or a service, visit our webpage: www.abmrc.com or call customer support: 1-877-ABM-RC01 (877-226-7201)

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