



 **VibraPEP<sup>®</sup>**  
OSCILLATORY PEP THERAPY SYSTEM (OPEP)



# Breathe Easy.

# Oscillating Valve Technology

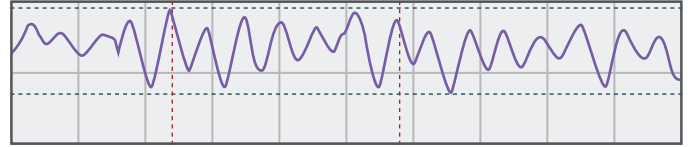
## Choose the Correct Setting for

## Differing Lung Pathology

### CombinedPEP® for Atelectasis



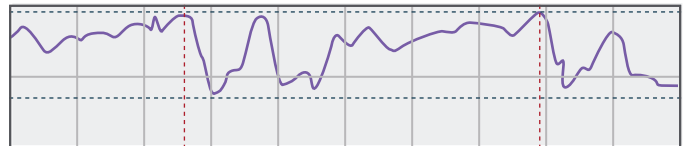
Setting 1, 2 or 3 creates CombinedPEP® characterized as continuous positive pressure above baseline with applied pressure and flow changes. The VibraPEP® maintains the appropriate PEP pressure that promotes collateral ventilation, by stabilizing and enlarging the airways.



### DynamicPEP® for Bronchial Secretions



Setting 4 or 5 create DynamicPEP®, erratic flow and pressure oscillations characterized by a pressure increase from zero to maximum with a drop back to zero. DynamicPEP® generates asynchronous flow and pressure oscillations that assist in the detachment and removal of bronchial secretions.



### Dual Therapy: Aerosol + OPEP



When clinically indicated, medication can be aerosolized and delivered to the peripheral airways in conjunction with OPEP therapy. The VibraPEP® is FDA cleared for combined aerosol and OPEP therapy providing maximum therapeutic benefit. The Aerosol friendly valve system reduces rainout and maximizes drug delivery.



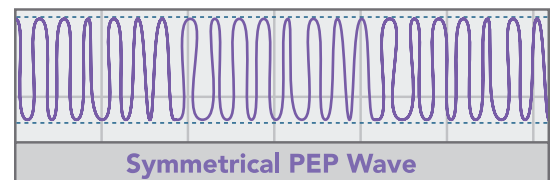
### Efficient Therapy



VibraPEP® with OscValve™ technology converts the majority of patient effort into therapy. Consuming 34% to 54% LESS total lung volume than other OPEP devices, patients can achieve their prescribed pressures and duration. <sup>1</sup>

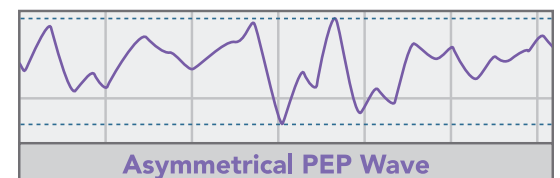
### Asynchronous Waveforms

Unlike synchronous PEP waves that increase and decrease in exactly the same frequency with no phase difference, the VibraPEP® produces an asynchronous wave. Viscous mucus can not follow these fast movements and is shed from the bronchial walls.



Symmetrical PEP Wave

vs



Asymmetrical PEP Wave

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## EZ-FLOW™ VALVE

Oscillating Valve Technology converts the majority of patient effort into therapy. This unique oscillating valve design is not gravity dependent and can be used in any position.

## REMOVABLE MOUTHPIECE

Allows for adaptation to ISO connections

## COMFORT HANDLE

Integrated Handle is easy to grip

## SOUND REDUCER

Silicone Cap stays in place and reduces operational sound



## VALVED TEE ADAPTER

Valved Tee Adapter with low resistance valve and ISO 22 mm OD x 18 mm ID connection

ISO 22 mm OD x 18 mm ID



## THERAPY SELECTOR

Clicks into place providing five treatment positions



## EZ-FLOW™ VALVE

Provides for easy insertion – No introducer required

## The VibraPEP® device also features:

- **CombinedPEP®** enlarges airways, promoting stabilization and collateral ventilation while **DynamicPEP®** decreases the cohesiveness of sputum promoting mucociliary clearance.
- Oscillations begin at  $\geq 10$  cmH<sub>2</sub>O allowing treatment of patients with low forced expiratory volume (FEV).
- Common ISO fittings permit versatility of patient interfaces.

The VibraPEP® uses the patient's full expired air volume to produce pressure and oscillatory vibrations. The success of OPEP therapy depends on these vibrations, especially for patients with a low expiratory volume.



### Patient Comfort

Non-gravity dependent technology allows patient to administer device in various positions.

### Maximum Efficacy for Multiple Conditions

CombinedPEP® can be used to treat patients with COPD and emphysema while DynamicPEP® can be used to treat patients with tenacious secretions, bronchiectasis and cystic fibrosis.

### Single Device

A single device with multiple applications reduces multiple stock numbers and overall cost.

### Dual Therapy

Simultaneous, efficient and effective administration of aerosolized medications while patients receive bronchial hygiene therapy.

### Wide-Range of Patients

Efficient for a wide range of patients: Begins oscillations at  $\geq 10$  cm H<sub>2</sub>O allowing treatment to adult and pediatric patients with low forced expiratory volume (FEV)

### Reusable

The mouthpiece and valve hose can be easily removed from the tube for cleaning (see instructions for use for complete details).

### Address

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