

SECRETOLYSIS

• **VibraVest™ / AffloVest**
 Secretolysis by oscillating the lung with HFCWO (high frequency chest wall oscillation)

PROVIDING ADVANCED LUNG SECRETION CLEARANCE WHILE ALLOWING AN ACTIVE LIFESTYLE

OxyCare Medical Group, a company specializing oxygen and ventilation technology, has designed this high frequency chest wall oscillation vest. Failure to remove secretion may lead to increased rates of respiratory infection, hospitalization and reduced lung function. With a physician's prescription and guidance, patients can tailor VibraVest treatments to their needs. Multiple settings allow for various treatment settings that serve both, adults and children with respiratory diseases or chronic lung conditions.



Treating respiratory diseases with the VibraVest is as simple as putting on a button up shirt. The patient chooses one of nine possible settings using a handheld control attached to the left side of the vest. A battery pack fixed to the right side of the vest provides power for mobile treatments. We highly recommend an inhalation treatment

previously (e.g. with the mobile mesh nebulizer OxyHaler), to moisten the secretion. Moistening facilitates expectoration for the patient.



The VibraVest works with High Frequency Chest Wall Oscillation, short HFCWO. Using small battery-charged motors to vibrate vertical along the chest and back, the VibraVest reduces the secretion's viscosity, helping the patient to mobilize secretion and cough it up. Simultaneously, the product encourages blood circulation and lymph flow. This is achieved without cables, pipes or wire to external devices.

The High Frequency Vibration Vest VibraVest can operate in three different settings:

During percussing, all motors pulse and knock in recurring rhythms at the torso. Thus, muscle cramps are resolved and blood circulation and lymph flow are stimulated.

During vibration, all motors are active. They work in pre-set intensity to oscillate deep muscles and relief pain, additionally to stimulate blood circulation and lymph flow.

During drainage, all motors work successively. By doing so, lymph flow and depletion of metabolic products are animated and blood circulation is encouraged.

The VibraVest can bring relief and help deliver a more productive cough in these diseases and conditions:

- Chronic Obstructive Pulmonary Disease (COPD)
- Cystic Fibrosis
- Bronchiectasis
- Emphysema
- Pneumonia
- Muscular Dystrophy
- Amyotrophic lateral sclerosis (ALS)

Lightweight and non-restrictive, the VibraVest leaves the user fully mobile during treatments. Users can go for a walk in the park, move around the house, or relax in front of the television.

- Without compression on the thorax, unlike other products on the market.
- Treatments can be administered while sitting, standing, or laying down.

(This is a great feature for patients with ALS or Muscular Dystrophy.)

With the rechargeable battery pack with several hours of life

- Easy to store and easy to carry; perfect for the respiratory patient who travels.
- Available in six sizes, therefore suitable for children and adults.
- Three modes of oscillation treatment (Drainage, Vibration, Percussion).
- Three adjustable intensity levels (Soft, Medium, Intense).
- Quiet during operation.

The VibraVest is available in USA and Canada under the brand name AffloVest with FDA certification.