

INTERNATIONAL
BIOPHYSICS
CORPORATION

Over a quarter of a century legacy
of unwavering commitment to
creating innovative and disruptive
medical devices and technologies
that improve treatment therapies
and patient outcomes.

For more information, please visit afflovest.com.

REFERENCES

1. Tackett, MW, et al. Lung function improvement with AffloVest® HFCWO use: a clinician's perspective on PFT score data from 25 patients with cystic fibrosis. Cooper, M. An evidence-based study of adolescents with cystic fibrosis demonstrated that AffloVest® by International Biophysics contributed to improved lung function scores. Cooper, M. Clinician's Data Analysis: Lung function improvement maintained over 16 to 24 months with use of AffloVest™ HFCWO vest by International Biophysics.
2. The comparison measurements were conducted at F2 Labs, an independent, 3rd party, ISO/IEC 17025 accredited testing laboratory. 16740 Peters Road, Middlefield, Ohio 44062. www.f2labs.com.

INTERNATIONAL
BIOPHYSICS
CORPORATION

International Biophysics Corporation | 2101 E. St. Elmo Rd. Ste 275 | Austin, TX 78744
(T) 888-711-1145 | (F) 888-793-2319 | info@biophysicscorp.com | © Copyright 2019.

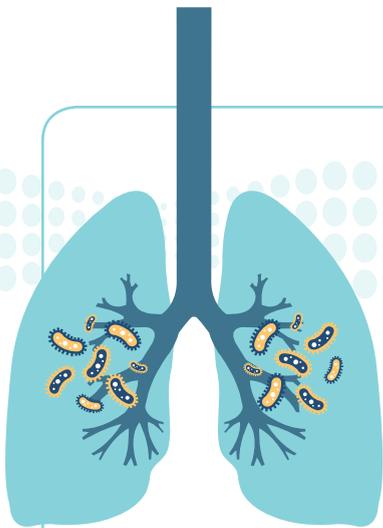
International Biophysics Corporation ©2019 MKT0057 Rev A

BREATHE EASY.
Freedom is in the air.

Break free from restrictions.
Take airway clearance therapy new places.



AffloVest®



Over 30,000 people in the U.S. and **70,000** worldwide struggle with the effects of cystic fibrosis every day. There is no cure as of yet, but there are treatment options now that can help manage symptoms and help improve day-to-day life.

MANAGING CYSTIC FIBROSIS

HFCWO airway clearance therapy is a cornerstone technique in managing cystic fibrosis

If desired, a variety of airway clearance therapies may be combined during use with the AffloVest to help optimize airway clearance. With its unique design and the ability to take full, deep breaths during treatment, nebulizer treatments and postural drainage techniques can be combined with AffloVest therapy with the goal of improving lung function and helping improve a person's quality of life.

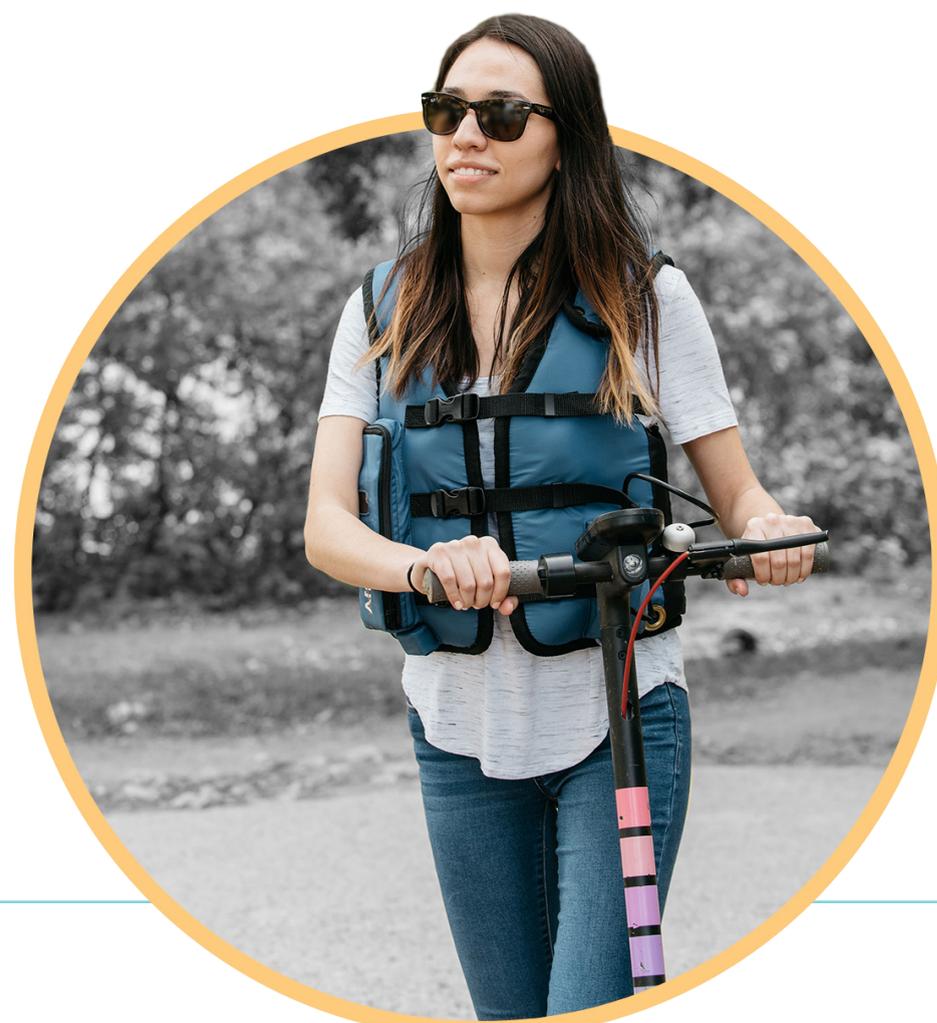


**THERAPY THAT FITS
INTO YOUR LIFE,
NOT THE OTHER WAY AROUND**

AFFLOVEST MOBILE CPT FREEDOM OF MOVEMENT

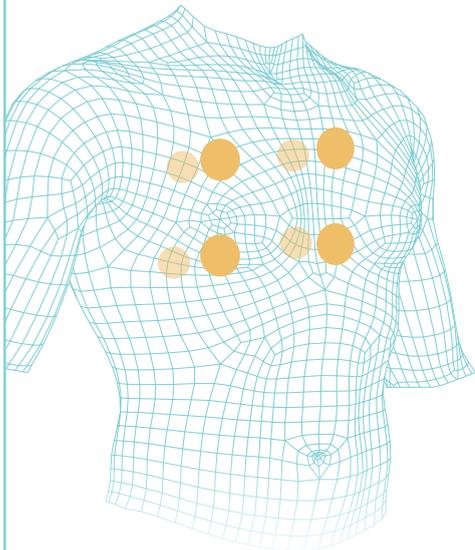
As the first truly portable, battery-operated HFCWO therapy vest, AffloVest was specifically engineered to give patients the freedom and mobility to streamline therapy, enhance airway clearance, and help mobilize lung secretions, and promote adherence. All designed to deliver seamless mobility, without the bulky hoses and generators found in other therapies to help improve the quality of life for patients with Cystic Fibrosis, MS, MD, ALS, and other neuromuscular and respiratory diseases.

The AffloVest —
It's not just another therapy, it's a new lifestyle



ADVANCED TECHNOLOGIES, ADVANCING THERAPY

By incorporating eight oscillating motors into AffloVest, our patented Direct Dynamic Oscillation™ technology creates eight individual pressure waves that target the lobes of the lungs, much like manual Chest Physical Therapy (CPT)—in order to help effectively mobilize secretions.



Putting Chest Physical Therapy on the move

- Engineered to mimic manual CPT
 - 8 oscillating motors target the lobes of the lungs, front and back
 - Helps loosen mucus so it can be coughed up
- Anatomically-targeted treatment
- Designed to increase patient adherence
- Fully mobile during use

Patient home treatment plans can be customized for the targeted motors using the digital controller to specify different levels of intensity for 3 different treatment options.

- Digital, programmable controller
- Nine total setting variations
- Three modes of oscillation treatment (Percussion, Vibration, Drainage)
- Three adjustable intensity levels—5Hz, 13Hz, 20Hz
- Compliance monitoring
- Quiet during operation
- AC/DC and battery power options



PORTABLE THERAPY THAT FITS.

With 7 sizes to choose from and **no age restrictions**, AffloVest is the most all-inclusive mobile HFCWO vest available for cystic fibrosis patients. After all, we know how important precise placement is when it comes to anatomically targeting the upper and lower lung lobes with directed therapy. So you can be sure that regardless of size, shape, or body type—from XXS (18" chest circumference) for children up to the largest XXL for adults (up to 65"+ chest circumference)—AffloVest delivers therapy that fits.



ONE SIZE DOES NOT FIT ALL

Beyond being inclusive, AffloVest is adaptable too. Which means that as children or adults grow, their AffloVest can too. Adjustments are made easy by our AffloVest Size Exchange Program*, which allows patients to go up or down in AffloVest size as needed, and be refit into an AffloVest that provides the best fit for targeted airway clearance therapy.

*All exchange requests must be within reasonable limits and are subject to final approval by our patient support team.



TRIED. TRUE. PROVEN.

In order to enhance treatment adherence and patient outcomes, our continuous improvement processes are always developing new ways to optimize important design features such as weight, noise, ergonomics, comfort, and ease-of-use.

All to provide the most efficient and effective balance between activity-compatible design and therapy-optimizing functionality.

Lung function improvement in CF patients demonstrated in clinician papers.¹



Noise study demonstrates that AffloVest® is the quietest HFCWO vest.²

Peak Magnetic Field test shows AffloVest is 4x lower than the threshold limit value for active medical device wearers and implanted medical devices.²

Patient feedback and testimonials show the AffloVest can provide more comfort and convenience than traditional air-bladder HFCWO vests.



MEDICARE REIMBURSEMENT REQUIREMENTS FOR AFFLOVEST/CYSTIC FIBROSIS

The AffloVest Mobile CPT vest:

- Requires a physician's prescription for treatment by High Frequency Chest Wall Oscillation (HFCWO)
 - Patients must qualify to meet eligibility requirements. Physicians orders must include: AffloVest prescription, qualifying DX, chart notes to support the DX, and well-documented failure of standard treatments to adequately mobilize retained secretions.

The AffloVest has received the FDA's 510k clearance for U.S. market availability and is approved for Medicare, Medicaid, and private health insurance reimbursement under the Healthcare Common Procedure Coding System (HCPCS) code E0483 – High Frequency Chest Wall Oscillation.

CYSTIC FIBROSIS ICD-10 CODE

- E84.0 Cystic Fibrosis with Pulmonary Manifestations
- E84.9 Cystic Fibrosis, unspecified