

Airway clearance therapy anywhere, anytime.

For your patients with neuromuscular diseases.

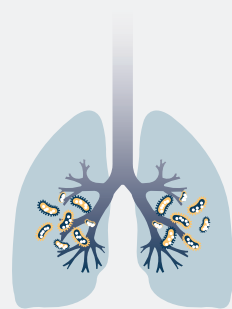


AFFLOVEST®
MOBILE AIRWAY CLEARANCE THERAPY

Tactile
MEDICAL®

Mobile High Frequency Chest Wall Oscillation (HFCWO) airway clearance is a cornerstone technique in managing respiratory disorders associated with neuromuscular diseases such as MD, ALS, MS and Quadriplegia. The symptoms sometimes associated with these conditions can result in major respiratory impairment and infection.¹

AffloVest can help.



THE AFFLOVEST ADVANTAGE

Therapy tailored to help improve the quality of life for patients with MS, MD, ALS and other neuromuscular and respiratory diseases.

AffloVest mobile chest physical therapy provides ease of use for patients and caregivers.

As the first truly portable during use, battery-operated HFCWO therapy vest, AffloVest was specifically engineered to mimic the gold standard of manual Chest Physical Therapy (CPT) to give patients the freedom and mobility to streamline therapy, enhance airway clearance, help mobilize lung secretions and promote adherence.

AffloVest was designed with ease-of-use in mind for patients, families and caregivers, to deliver airway clearance therapy that can be managed at home or in the hospital. With no bulky hoses and generators, as found in other therapies, the AffloVest can be utilized in any postural position (i.e., laying down, standing, sitting, inclined, reclined).

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.



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.



Chest physical therapy when and where you need it.

- Engineered to mimic manual CPT
 - Eight oscillating motors target the lobes of the lungs, front and back
 - Helps loosen mucus so it can be coughed up
- Anatomically-targeted treatment
- Not postural dependent
- Designed to increase patient adherence
- Fully mobile and adaptable to multiple treatment positions and settings

Patient home treatment plans can be customized for the targeted motors using the digital controller to specify different levels of intensity for three 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
- Adherence monitoring
- Quiet during operation
- AC/DC and battery power options



Portable therapy that fits.

With eight sizes to choose from and **no age restrictions**, AffloVest is the most inclusive mobile and adaptable HFCWO vest available for patients needing airway clearance therapy for treatment of respiratory impairment associated with neuromuscular disorders. We know how important precise placement and patient positioning is when it comes to anatomically targeting the upper and lower lung lobes with directed therapy. Regardless of size, shape or body type - from XXS (18" chest circumference), for children up to XXXL for adults (up to 75" chest circumference) - AffloVest delivers therapy that fits.



ONE SIZE DOES NOT FIT ALL

Beyond being inclusive, AffloVest is adaptable; 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. See Terms and Conditions on afflovest.com.

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.

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

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

Lung function improvement in CF patients demonstrated in clinician papers.^{3,4,5}

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

Reimbursement considerations for AffloVest neuromuscular diagnoses.

The AffloVest HFCWO airway clearance vest requires a physician's prescription for treatment by HFCWO. Patients must qualify to meet eligibility requirements. Physicians orders must include: AffloVest prescription, qualifying diagnosis, chart notes to support the diagnosis, 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. The AffloVest is also available through the U.S. Department of Veterans Affairs/Tricare. Patients must qualify to meet insurance eligibility requirements.

NEUROMUSCULAR ICD-10 CODES

G12.0	Infantile spinal muscular atrophy, type I (Werdnig-Hoffman)	G71.09	Other specified muscular dystrophies
G12.1	Other inherited spinal muscular atrophy	G71.11	Myotonic muscular dystrophy
G12.20	Motor neuron disease, unspecified	G71.12	Myotonia congenita
G12.21	Amyotrophic lateral sclerosis	G71.13	Myotonic chondrodystrophy
G12.22	Progressive bulbar palsy	G71.14	Drug induced myotonia
G12.23	Primary lateral sclerosis	G71.19	Other specified myotonic disorders
G12.24	Familial motor neuron disease	G71.2	Congenital myopathies
G12.25	Progressive spinal muscle atrophy	G71.3	Mitochondrial myopathy, not elsewhere classified
G12.29	Other motor neuron disease	G71.8	Other primary disorders of muscles
G12.8	Other spinal muscular atrophies and related syndromes	G72.0	Drug-induced myopathy
G12.9	Spinal muscular atrophy, unspecified	G72.1	Alcoholic myopathy
G14	Postpolio syndrome	G72.2	Myopathy due to other toxic agents
G35	Multiple sclerosis	G72.89	Other specified myopathies
G71.00	Muscular dystrophy, unspecified	G73.7	Myopathy in diseases classified elsewhere
G71.01	Duchenne or Becker muscular dystrophy	G80.0	Spastic quadriplegic cerebral palsy
G71.02	Facioscapulohumeral muscular dystrophy	G82.50	Quadriplegia, unspecified
G71.031	Autosomal dominant limb girdle muscular dystrophy	G82.51	Quadriplegia, C1-C4 complete
G71.032	Autosomal recessive limb girdle muscular dystrophy due to calpain-3 dysfunction	G82.52	Quadriplegia, C1-C4 incomplete
G71.033	Limb girdle muscular dystrophy due to dysferlin dysfunction	G82.53	Quadriplegia, C5-C7 complete
G71.0340	Limb girdle muscular dystrophy due to sargoglycan dysfunction, unspecified	G82.54	Quadriplegia, C5-C7 incomplete
G71.0341	Limb girdle muscular dystrophy due to alpha sargoglycan dysfunction	M33.02	Juvenile dermatomyositis with myopathy
G71.0342	Limb girdle muscular dystrophy due to beta sargoglycan dysfunction	M33.12	Other dermatomyositis with myopathy
G71.0349	Limb girdle muscular dystrophy due to other sargoglycan dysfunction	M33.22	Polymyositis with myopathy
G71.035	Limb girdle muscular dystrophy due to anoctamin-5 dysfunction	M33.92	Dermatopolymyositis, unspecified with myopathy
G71.038	Other limb girdle muscular dystrophy	M34.82	Systemic sclerosis with myopathy
G71.039	Limb girdle muscular dystrophy, unspecified	M35.03	Sicca syndrome with myopathy
		J98.6	Disorders of diaphragm

AFFLOVEST IS NOW PART OF TACTILE MEDICAL
SAME GREAT PRODUCT AND SALES TEAM

Tactile Medical is a leader in developing and marketing at-home therapies for people suffering from underserved, chronic conditions including lymphedema, lipedema, chronic venous insufficiency and chronic pulmonary disease by helping them live better and care for themselves at home.

Feel the difference.



For more information, please visit afflovest.com

References

1. Jan Tecklin, High Frequency Chest Wall Oscillation (HFCWO) for Neuromuscular Patients with Airway Clearance Needs: A Case for Reimbursement. *Respiratory Therapy* 2005: 28–33
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.
3. 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.
4. Cooper, M. An evidence-based study of adolescents with cystic fibrosis demonstrated that AffloVest by International Biophysics contributed to improved lung function scores.
5. Cooper, M. Clinician's Data Analysis: Lung function improvement maintained over 16 to 24 months with use of AffloVest HFCWO vest by International Biophysics.

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HEALING RIGHT AT HOME