



## High Frequency Chest Wall Oscillation Devices and Intrapulmonary Percussive Ventilators

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### Definition

A high frequency chest wall oscillation device (HFCWO) is an airway clearance device consisting of an inflatable vest connected by tubes to a small air-pulse generator.

### Guideline

Members are eligible for coverage of HFCWO for any of the following conditions/diagnoses:

1. Acid maltase deficiency
2. Amyotrophic lateral sclerosis
3. Anterior horn cell diseases
4. Bronchiectasis
5. Cystic fibrosis
6. Hereditary muscular dystrophy
7. Multiple sclerosis
8. Myotonic disorders
9. Other myopathies
10. Paralysis of the diaphragm
11. Post-polio
12. Quadriplegia

Well-documented failure of standard treatments to adequately mobilize retained secretions must be made available to the Plan upon request.

### Limitations/Exclusions

High frequency chest wall oscillation devices are not covered for any conditions other than those listed above.

Intrapulmonary percussive ventilators (IPV) (e.g., the Impulsator F00012) are considered experimental and investigational for all indications due to insufficient evidence of therapeutic value (including but not limited to bronchiectasis, chronic obstructive pulmonary disease [COPD], cystic fibrosis, neuromuscular conditions associated with retained airway secretions or atelectasis, and post-operative pulmonary complications).

### Revision History

6/10/2016: Communicated noncoverage of IPVs.

### Applicable Procedure Codes

A7025	High frequency chest wall oscillation system vest, replacement for use with patient owned equipment, each
A7026	High frequency chest wall oscillation system hose, replacement for use with patient owned equipment, each
E0483	High frequency chest wall oscillation air-pulse generator system, (includes hoses and vest), each

### Applicable ICD-10 Diagnosis Codes

A15.0	Tuberculosis of lung
B91	Sequelae of poliomyelitis
D81.810	Biotinidase deficiency
D84.1	Defects in the complement system
E84.0	Cystic fibrosis with pulmonary manifestations
E84.11	Meconium ileus in cystic fibrosis
G12.0	Infantile spinal muscular atrophy, type I [Werdnig-Hoffman]
G12.1	Other inherited spinal muscular atrophy
G12.20	Motor neuron disease, unspecified
G12.21	Amyotrophic lateral sclerosis
G12.22	Progressive bulbar palsy
G12.29	Other motor neuron disease
G12.8	Other spinal muscular atrophies and related syndromes
G12.9	Spinal muscular atrophy, unspecified
G14	Postpolio syndrome
G35	Multiple sclerosis
G70.01	Myasthenia gravis with (acute) exacerbation
G71.0	Muscular dystrophy
G71.11	Myotonic muscular dystrophy
G71.12	Myotonia congenita
G71.13	Myotonic chondrodystrophy
G71.14	Drug induced myotonia
G71.19	Other specified myotonic disorders

G71.2	Congenital myopathies
G71.3	Mitochondrial myopathy, not elsewhere classified
G71.8	Other primary disorders of muscles
G72.0	Drug-induced myopathy
G72.1	Alcoholic myopathy
G72.2	Myopathy due to other toxic agents
G72.89	Other specified myopathies
G73.7	Myopathy in diseases classified elsewhere
G80.0	Spastic quadriplegic cerebral palsy
G82.50	Quadriplegia, unspecified
G82.51	Quadriplegia, C1-C4 complete
G82.52	Quadriplegia, C1-C4 incomplete
G82.53	Quadriplegia, C5-C7 complete
G82.54	Quadriplegia, C5-C7 incomplete
J47.0	Bronchiectasis with acute lower respiratory infection
J47.1	Bronchiectasis with (acute) exacerbation
J47.9	Bronchiectasis, uncomplicated
J98.6	Disorders of diaphragm
M33.02	Juvenile dermatomyositis with myopathy
M33.12	Other dermatomyositis with myopathy
M33.22	Polymyositis with myopathy
M33.92	Dermatomyositis, unspecified with myopathy
M34.82	Systemic sclerosis with myopathy
M35.03	Sicca syndrome with myopathy
Q33.4	Congenital bronchiectasis

## References

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