



How does BiWaze Cough System work?

BiWaze Cough combines multiple therapies of assisted cough and lung expansion along with high frequency oscillation. It breaks up and then removes secretions from the lungs by applying positive air pressure (inhale) to the airway and then rapidly shifting to negative air pressure (exhale). After exhale, the pause phase allows the patient to rest before the next cough cycle.

After exhale, the pause phase allows the user to rest before the next assisted cough cycle. BiWaze Cough can provide positive pressure flow during the pause phase, creating a higher mean airway pressure which keeps the Functional Residual Capacity higher post exhale and provides a more comfortable therapy for the patient.



Differentiators

- Programmable high frequency oscillations
- Positive Airway Pressure (PAP) during the pause phase
- Stored therapy profiles (up to 10)
- Advance therapy programming for customized cough cycles
- Touchscreen control
- Light weight system (9 lbs)
- Includes a lithium-ion battery with each device



Resources



website



overview video



animation



HCPCS CODES

E0482 = Cough Stimulated Device System (13 month capped rental)

A7020 = Breathing interface for cough stimulating device (monthly)

MEDICARE COVERAGE ICD-10 CODES

B91, E74.02, G12.0, G12.20 - G12.25, G12.29, G12.8, G12.9, G14, G35, G70.01, G71.01, G71.02, G71.09, G71.11, G71.2, G72.41, G82.50-G82.54



GOVERNMENT PROGRAMS

Contract Number: FSS 65IIA 36F79719D0027

Distributor: First Nation Group

TARGET PATIENT POPULATION AND ENVIRONMENT

BiWaze Cough can be used throughout the continuum of care, hospital to home for pediatric and adult patients.

PATIENT CONDITIONS

- Amyotrophic lateral sclerosis (ALS)
- Progressive bulbar palsy
- Muscular dystrophy
- Spinal muscular atrophy (SMA)
- Multiple sclerosis
- Spinal cord injury (SCI)
- Motor neuron disease
- Quadriplegia

PATIENT SYMPTOMS

- A weakening or ineffective cough due to mobility or diaphragmatic weakness,¹ which can result in a risk for developing atelectasis and/or pneumonia.²
- Difficulty or inability to clear secretions from airways, or may have tried and failed other airway clearance techniques.¹

1. Centers for Medicare and Medicaid Services, Local Coverage Determination (LCD): Mechanical in-exsufflation Devices (L33795), 2020.

2. Ambrosino N, Carpena N, Gherardi M: Chronic respiratory care for neuromuscular diseases in adults. Eur Respir J 2009; 34: 444-451.

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