

patient selection criteria

Conditions associated with airway secretion clearance needs

Presence with these respiratory muscle impairment conditions may suggest the patient could benefit from BiWaze Cough therapy¹

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

Symptoms indicating consideration of BiWaze Cough therapy

Presence of these symptoms may suggest the patient could benefit from mechanical insufflation-exsufflation therapy:

- A weakening or ineffective cough due to mobility or diaphragmatic weakness¹, which can result in a risk for developing atelectasis and/or pneumonia²
- Difficulty or inability to clear secretions from airways, or may have tried and failed other airway clearance techniques¹

Contraindications for BiWaze Cough therapy use³

- Known susceptibility to pneumothorax or pneumo-mediastinum
- Severe bullous lung disease
- Recent barotrauma to the lungs

1. Centers for Medicare and Medicaid Services, Local Coverage Determination (LCD): Mechanical in-exsufflation Devices (L33795), 2020.
2. Ambrosino N, Carpenè N, Gherardi M: Chronic respiratory care for neuromuscular diseases in adults. Eur Respir J 2009; 34: 444-451.
3. BiWaze Cough FDA 510k.