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# SHP High Frequency Chest Wall Compression

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**MCG Health**  
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## Coverage

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See the appropriate benefit document for specific coverage determination. Individual specific benefits take precedence over medical policy.

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## Application to Products

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Policy is applicable to all products.

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## Authorization Requirements

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Pre-certification by the Plan is required.

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## Description of Item or Service

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High frequency chest wall compression is a device like a vest that vibrates to expel mucus from the lungs.

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## Exceptions and Limitations

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- There is insufficient scientific evidence to support the medical necessity of high frequency chest wall oscillation devices for the following as they are not shown to improve health outcomes upon technology review:
  - Intrapulmonary Percussive Ventilation (IPV)
  - Chronic bronchitis and chronic obstructive pulmonary disease in the absence of confirmed diagnosis of bronchiectasis
  - Use of both high frequency chest wall oscillation device and mechanical in-exsufflation device. (HCPCS E0482 will be denied if billed with E0483)
  - High frequency chest wall oscillation devices (e.g., Volara System)
- There is insufficient scientific evidence to support the medical necessity of High frequency Chest Wall Compression for uses other than those listed in the clinical indications for procedure section.

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## Clinical Indications for Procedure

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- High frequency chest wall oscillation devices and replacement supplies are considered medically necessary for **ALL** of the following
  - Individual with diagnosis of **1 or more** of the following
    - Cystic fibrosis
    - Bronchiectasis which has been confirmed by high-resolution, spiral, or standard CT scan and which is characterized by **1 or more** of the following
      - Daily productive cough for at least 6 continuous months
      - Frequent (ie, more than 2 per year) exacerbations requiring antibiotic therapy
    - Neuromuscular disease as indicated by **1 or more** of the following
      - Acid maltase deficiency
      - Anterior horn cell diseases
      - Hereditary muscular dystrophy
      - Multiple sclerosis

- Myotonic disorders
- Other myopathies
- Paralysis of the diaphragm
- Post-polio
- Quadriplegia
- Well-documented failure of standard treatments to adequately mobilize retained secretions
- High frequency chest wall oscillation devices are **NOT COVERED** for **ANY** of the following
  - Intrapulmonary Percussive Ventilation (IPV)
  - Chronic bronchitis and chronic obstructive pulmonary disease in the absence of confirmed diagnosis of bronchiectasis
  - Use of both high frequency chest wall oscillation device and mechanical in-exsufflation device (HCPCS E0482 will be denied if billed with E0483)
  - High frequency chest wall oscillation devices (e.g., Volara System)

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## Document History

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- Revised Dates:
  - 2022: August
  - 2021: April
  - 2019: October, November
  - 2016: March
  - 2014: October
  - 2013: June, August
  - 2012: March, June
  - 2011: June, October
  - 2010: June, September
  - 2005: February, May
  - 2004: November
  - 2003: March, September
- Reviewed Dates:
  - 2021: November
  - 2020: November
  - 2018: August
  - 2017: November
  - 2016: July
  - 2015: June, July
  - 2014: June
  - 2009: June
  - 2008: June
  - 2007: December
  - 2006: October
  - 2004: October
  - 2003: August
  - 2002: October
- Effective Date: June 2000

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## Coding Information

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- CPT/HCPCS codes covered if policy criteria is met:
  - HCPCS A7025 - High frequency chest wall oscillation system vest, replacement for use with patient owned equipment, each
  - HCPCS A7026 - High frequency chest wall oscillation system hose, replacement for use with patient owned equipment, each
  - HCPCS E0483 - High frequency chest wall oscillation system, includes all accessories and supplies, each
- CPT/HCPCS codes considered not medically necessary per this Policy:
  - HCPCS E0481 - Intrapulmonary percussive ventilation system and related accessories
  - HCPCS E1399 - Durable medical equipment, miscellaneous

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## References

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## Codes

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**HCPCS: A7025, A7026, E0481, E0483, E1399**

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