

## Pneumatic Compression of the Chest or Trunk

### Table of Content

Purpose  
Description & Definitions  
Criteria  
Coding  
Document History  
References  
Special Notes  
Keywords

Effective Date            01/2008  
  
Next Review Date        08/2024  
  
Coverage Policy         DME 53  
  
Version                     4

**All requests for authorization for the services described by this medical policy will be reviewed per Early and Periodic Screening, Diagnostic and Treatment (EPSDT) guidelines. These services may be authorized under individual consideration for Medicaid members under the age of 21-years if the services are judged to be medically necessary to correct or ameliorate the member's condition. Department of Medical Assistance Services (DMAS), Supplement B - EPSDT (Early and Periodic Screening, Diagnosis and Treatment) Manual.\***

### Purpose:

This policy addresses Pneumatic Compression of the Chest or Trunk.

### Description & Definitions:

Pneumatic compression device is a therapeutic technique by wearing an air inflatable garment with an electrical pump with a rhythmic squeezing motion used to compress the affected area to improve circulation and reduce edema.

### Criteria:

Pneumatic Compression of the Chest or Trunk **does not meet the definition of medical necessity.**

### Coding:

Medically necessary with criteria:

Coding	Description
	None

Considered Not Medically Necessary:

Coding	Description
E0656	Segmental pneumatic appliance for use with pneumatic compressor, trunk
E0657	Segmental pneumatic appliance for use with pneumatic compressor, chest

## Document History:

### Revised Dates:

- 2022: August
- 2020: November
- 2019: December
- 2016: February
- 2015: February, December
- 2014: November, December
- 2012: March
- 2011: January, February
- 2010: January, November
- 2009: January

### Reviewed Dates:

- 2023: August
- 2021: November
- 2014: February, May
- 2013: May

### Effective Date:

- January 2008

## References:

Including but not limited to: Specialty Association Guidelines; Government Regulations; Winifred S. Hayes, Inc; UpToDate; Literature Review; Specialty Advisors; National Coverage Determination (NCD); Local Coverage Determination (LCD).

(2022, Aug 31). Retrieved Jul 25, 2023, from MCG: <https://careweb.careguidelines.com/ed26/index.html>

(2023). Retrieved Jul 25, 2023, from Hayes, Inc: <https://evidence.hayesinc.com/search?q=%257B%2522text%2522:%2522pneumatic%2520compression%2520chest%2520and%2520trunk%2522,%2522title%2522:null,%2522termsource%2522:%2522searchbar%2522,%2522page%2522:%257B%2522page%2522:0,%2522size%2522:50%257D,%2522type%2522>

(2023). Retrieved Jul 25, 2023, from UpToDate: [https://www.uptodate.com/contents/search?search=pneumatic%20compression%20of%20the%20trunk&sp=0&searchType=PLAIN\\_TEXT&source=USER\\_INPUT&searchControl=TOP\\_PULLDOWN&searchOffset=1&autoComplete=false&language=en&max=10&index=&autoCompleteTerm=](https://www.uptodate.com/contents/search?search=pneumatic%20compression%20of%20the%20trunk&sp=0&searchType=PLAIN_TEXT&source=USER_INPUT&searchControl=TOP_PULLDOWN&searchOffset=1&autoComplete=false&language=en&max=10&index=&autoCompleteTerm=)

(2023). Retrieved Jul 25, 2023, from InterQual: <https://prod.cue4.com/caas/review/login>

(2023). Retrieved Jul 28, 2023, from Google, Inc: [https://www.google.com/search?q=lymphedema+treatment+recommenations&safe=strict&rlz=1C1GCEA\\_enUS982US982&sxsrf=AB5stBhU6hlaKGIChL5DyHlvSu4EuUPYyQ%3A1690824583487&ei=h-\\_HZMWnHcmxqtsP3OSdiA8&ved=0ahUKEwiFh7S1vLmAAXJmGoFHVxyB\\_EQ4dUDCBA&uact=5&oq=lymphedema+](https://www.google.com/search?q=lymphedema+treatment+recommenations&safe=strict&rlz=1C1GCEA_enUS982US982&sxsrf=AB5stBhU6hlaKGIChL5DyHlvSu4EuUPYyQ%3A1690824583487&ei=h-_HZMWnHcmxqtsP3OSdiA8&ved=0ahUKEwiFh7S1vLmAAXJmGoFHVxyB_EQ4dUDCBA&uact=5&oq=lymphedema+)

(2023). Retrieved Jul 31, 2023, from PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=pneumatic+compression+of+the+trunk&filter=simsearch2.ffrft&filter=simsearch3.fff>

21CFR870.5800. (2023, Jun 07). Retrieved Jul 31, 2023, from Code of Federal Regulations (National Archives): <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/cfrsearch.cfm?fr=870.5800>

AIROS 8P Sequential Compression Device. (2023, Jul 31). Retrieved Jul 31, 2023, from Food and Drug Administration: <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmpn/pmn.cfm?ID=K223193>

Durable Medical Equipment and Supplies Manual: Chapter IV - Covered Services and Limitations. (2022, Jul 13). Retrieved Jul 25, 2023, from Department of Medical Assistance Services: <https://vamedicaid.dmas.virginia.gov/sites/default/files/2022-10/Chapter-4%20Covered%20Services%20and%20Limitations%20%28DME%29.pdf>

LCD: Pneumatic Compression Devices (L33829). (2022, Jun 07). Retrieved Jul 25, 2023, from Centers for Medicare and Medicaid Services: <https://www.cms.gov/medicare-coverage-database/view/lcd.aspx?lcdid=33829&ver=44&keyword=&keywordType=starts&areald=s53&docType=6,3,5,1,F,P&contractOption=all&hcpcsOption=code&hcpcsStartCode=E0656&hcpcsEndCode=E0656&sortBy=title&bc=1>

NCD: Pneumatic Compression Devices (280.6). (2002, Jan 14). Retrieved Jul 25, 2023, from Centers for Medicare and Medicaid Services: <https://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?NCDId=225&ncdver=1&>

### Special Notes: \*

This medical policy express Sentara Health Plan's determination of medically necessity of services, and they are based upon a review of currently available clinical information. These policies are used when no specific guidelines for coverage are provided by the Department of Medical Assistance Services of Virginia (DMAS). Medical Policies may be superseded by state Medicaid Plan guidelines. Medical policies are not a substitute for clinical judgment or for any prior authorization requirements of the health plan. These policies are not an explanation of benefits.

Medical policies can be highly technical and complex and are provided here for informational purposes. These medical policies are intended for use by health care professionals. The medical policies do not constitute medical advice or medical care. Treating health care professionals are solely responsible for diagnosis, treatment and medical advice. Sentara Health Plan members should discuss the information in the medical policies with their treating health care professionals. Medical technology is constantly evolving and these medical policies are subject to change without notice, although Sentara Health Plan will notify providers as required in advance of changes that could have a negative impact on benefits.

The Early and Periodic Screening, Diagnostic and Treatment (EPSDT) covers services, products, or procedures for children, if those items are determined to be medically necessary to "correct or ameliorate" (make better) a defect, physical or mental illness, or condition (health problem) identified through routine medical screening or examination, regardless of whether coverage for the same service or support is an optional or limited service under the state plan. Children enrolled in the FAMIS Program are not eligible for all EPSDT treatment services. All requests for authorization for the services described by this medical policy will be reviewed per EPSDT guidelines. These services may be authorized under individual consideration for Medicaid members under the age of 21-years if the services are judged to be medically necessary to correct or ameliorate the member's condition. *Department of Medical Assistance Services (DMAS), Supplement B - EPSDT (Early and Periodic Screening, Diagnosis and Treatment) Manual.*

All medically necessary medical equipment and supplies under the Virginia Administrative Code (12VAC30-50-165) may be covered only if they are necessary to carry out a treatment prescribed by a practitioner. Only supplies, equipment, and appliances that are determined medically necessary may be covered for reimbursement by DMAS. (12VAC30-50-165) The following criteria must be satisfied through the submission of adequate and verifiable documentation satisfactory to DMAS, or its contractor. Medically necessary DME and supplies shall be:

- Ordered by the practitioner on the CMN/DMAS-352;
- A reasonable and medically necessary part of the individual's treatment plan;
- Consistent with the individual's diagnosis and medical condition, particularly the functional limitations and symptoms exhibited by the individual; • Not furnished for the safety or restraint of the individual, or solely for the convenience of the family, attending practitioner, or other practitioner or supplier;
- Consistent with generally accepted professional medical standards (i.e., not experimental or investigational);
- Furnished at a safe, effective, and cost-effective level; and
- Suitable for use, and consistent with 42 CFR 440.70(b)(3), that treats a diagnosed condition or assists the individual with functional limitations.

### Keywords:

SHP Pneumatic Compression of the Chest or Trunk, SHP Durable Medical Equipment 53, Pneumatic chest compression vest, Chest PCD