Title: Compression Stockings for Patients with Vascular Disorders in a Community Setting: Clinical and Cost Effectiveness and Guidelines for Use

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Research question:

1. What is the clinical effectiveness of compression stocking with or without assistive devices for patients in the community with vascular disorders?

2. What are the recommended assistive devices for donning and removing compression stockings?

3. What is the cost effectiveness of using compression stockings with or without assistive devices for patients in the community with vascular disorders?

4. What are the guidelines for chronic use of compression stockings in patients in the community with vascular disorders?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 1, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2003 and March 2008 and are limited to English language publications only. Filters were applied to limit the retrieval to systematic reviews, clinical studies, observational studies, economic studies and guidelines. Internet links are provided, where available.

Results:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports, systematic reviews and meta-analyses are presented
first. These are followed by economic evaluations, randomized controlled trials, observational studies and evidence-based guidelines.

Two systematic reviews, two economic evaluations, five randomized controlled trials, three observational studies, and three evidence-based guidelines were identified from the literature search results. No relevant health technology assessments were identified. Additional articles of interest are located in the appendix.

Health technology assessments

No literature identified

Systematic reviews and meta-analyses


Economic analyses and cost information

   Structured abstract available: [http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=22003000823](http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=22003000823)


Randomized controlled trials


**Observational studies**


**Guidelines and recommendations**


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Appendix – Further information:

Ongoing randomized controlled trials


Review articles


Additional references
