TITLE: Knee-High Compared with Thigh-High Compression Stockings for Perioperative Patients: Clinical and Cost-Effectiveness

DATE: 02 March 2010

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of the perioperative use of knee-high thromboembolitic deterrent stockings compared with the use of thigh-high thromboembolitic deterrent stockings?

2. What is the cost-effectiveness of the perioperative use of knee-high thromboembolitic deterrent stockings compared with the use of thigh-high thromboembolitic deterrent stockings?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 2010), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 2005 and February 2010. No filters were applied to limit the retrieval by study type. Internet links were 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 randomized controlled trials, controlled clinical trials, observational studies, economic evaluations, and evidence-based guidelines.

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, observational studies, or evidence-based guidelines were identified regarding the clinical effectiveness of the perioperative use of knee-high compared with thigh-high compression stockings.
high thromboembolytic deterrent stockings compared with the use of thigh-high thromboembolytic deterrent stockings. Also, no economic evaluations were identified regarding the cost-effectiveness of the perioperative use of knee-high thromboembolytic deterrent stockings compared with the use of thigh-high thromboembolytic deterrent stockings. Additional articles discussing the use of knee-high versus thigh-high compression stockings in general settings can be found in the appendix.

**Health technology assessments**
No literature identified

**Systematic reviews and meta-analyses**
No literature identified

**Randomized controlled trials**
No literature identified

**Controlled clinical trials**
No literature identified

**Observational studies**
No literature identified

**Economic evaluations**
No literature identified

**Guidelines and recommendations**
No literature identified

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APPENDIX – FURTHER INFORMATION:

Review articles

