TITLE: Subintimal Angioplasty for the Management of Lower Limb Ischemia: Clinical and Cost-Effectiveness

DATE: 20 April 2009

RESEARCH QUESTIONS:

1. What is the clinical-effectiveness of subintimal angioplasty for the management of lower limb ischemia?

2. What is the cost-effectiveness of subintimal angioplasty for the management of lower limb ischemia?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2008), 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 2004 and April 2009. 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.

The literature search identified one systematic review and 16 observational studies regarding the use of subintimal angioplasty for the management of lower limb ischemia. No health technology assessments, randomized controlled trials, controlled clinical trials, economic
evaluations, or evidence-based guidelines were identified. Additional references of potential interest are included in the appendix.

Health technology assessments
No literature identified

Systematic reviews and meta-analyses


Randomized controlled trials
No literature identified

Controlled clinical trials
No literature identified

Observational studies


**Economic evaluations**
No literature identified

**Guidelines and recommendations**
No literature identified

**PREPARED BY:**
Michelle Mujoomdar, BSc, PhD, Research Officer
Mary-Doug Wright BSc, MLS, Information Specialist
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Review articles
