Title: Point-Of-Care Hba1c Testing Versus Laboratory-Based Hba1c Testing: Validity, Reliability, and Cost-Effectiveness

Date: Oct. 19, 2007

Research question:

1. How does point-of-care HbA1c testing compare to laboratory-based HbA1c testing, in non-hospital settings?

2. What is the comparative cost-effectiveness of point-of-care HbA1c testing compared to laboratory-based HbA1c testing, in non-hospital settings?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 2007), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI HTAIS, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2002 and the present, and are limited to English language publications only. Filters were applied to limit the retrieval to systematic reviews, health technology assessments, meta-analyses, randomized controlled trials, and economic studies. Internet links to full-text and abstracts are provided, where available.

Results:

Health technology assessments

No literature identified
Systematic reviews and meta-analyses


   Note: see Chapter 7, page 66

Economic analyses and cost information

No literature identified

Randomized controlled trials


   Structured abstract available:
   [http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=22006008278 Record #6](http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=22006008278)

Prepared by:

**Michelle Clark, BSc, Research Assistant**  
**Melissa Severn, MSt, Information Specialist**  
Health Technology Inquiry Service  
Email: [htis@cadth.ca](mailto:htis@cadth.ca)  
Tel: 1-866-898-8439
Appendix – Further information:

Observational studies


Additional references