TITLE: Handheld Glucose Meters for Use in Neonates: Diagnostic Accuracy

DATE: 01 December 2009

RESEARCH QUESTION:

What is the diagnostic accuracy of handheld glucose meters in neonates?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2009), 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 November 2009. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials. A supplemental search for controlled clinical trials was also conducted. 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 and controlled clinical trials.

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, or controlled clinical trials were identified pertaining to the diagnostic accuracy of the handheld glucose meters approved in Canadian neonates. Additional information, including an observational study pertaining to a Health Canada approved glucose meter and product information pertaining to glucose meters that may or may not be approved for neonatal use, has been included 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.

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APPENDIX – FURTHER INFORMATION:

Observational studies


Reviews


Additional references


