TITLE: Glycemic Management in the Intensive Care Unit: Guidelines

DATE: 21 November 2008

RESEARCH QUESTION:

What are the guidelines for glycemic management of adults with diabetes in the intensive care unit?

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. Results include articles published between 2003 and November 2008, and are limited to English language publications only. Filters were applied to limit the retrieval to systematic reviews, health technology assessments, meta-analyses, guidelines, and randomized controlled trials. 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 evidence-based guidelines.

The literature search identified one systematic review and five guidelines specific to glycemic management of adults with diabetes in the intensive care unit. No health technology assessments were identified. Additional searching identified randomized controlled trials that may be of interest. These and other articles of potential interest are included in the appendix.

Health technology assessments
No literature identified
Systematic reviews and meta-analyses

CRD abstract: [http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=12007001315](http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=12007001315)

Guidelines and recommendations

See: VIII. Diabetes care in specific settings, pages S37-43  


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APPENDIX – FURTHER INFORMATION:

Randomized controlled trials


Observational studies


**Review articles**


**Additional references**