TITLE: Vigileo™ FloTrac System for Measuring Cardiac Output: Accuracy and Safety

DATE: 21 January 2009

RESEARCH QUESTION:

What is the accuracy and safety of the Vigileo™ FloTrac system compared with traditional methods for measuring cardiac output in hospital settings?

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 2001 and January 2009, and are limited to English language publications only. No filters were applied to limit the retrieval by study type. 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 randomized controlled trials (RCTs), controlled clinical trials, and observational studies.

Eighteen controlled clinical trials were identified pertaining to the accuracy and safety of the Vigileo™ FloTrac system compared with traditional methods for measuring cardiac output in hospital settings. No health technology assessments, systematic reviews, meta-analyses, RCTs, or observational studies were identified. Additional information that may be of interest 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


**Observational studies**  
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Controlled clinical trials


Observational studies


Review articles


Additional references