TITLE: Infusion Pumps Versus Gravity Infusion: Accuracy and Safety

DATE: 17 April 2009

RESEARCH QUESTION:

What is the evidence for the safety and accuracy of infusion pumps compared to gravity controlled infusion for delivery of medications?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2004 and April 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, controlled clinical trials, observational studies, and evidence-based guidelines.

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, observational studies, or evidence-based guidelines were identified regarding the evidence for the safety and accuracy of infusion pumps compared to gravity controlled infusion for delivery of medications.

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

Observational studies
No literature identified

Guidelines and recommendations
No literature identified

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