TITLE: Intra-Uterine Pressure Catheters: Clinical Effectiveness

DATE:  11 March 2009

RESEARCH QUESTION:

What is the clinical effectiveness of intra-uterine pressure catheters and amnioinfusion to improve success of a vaginal birth and reduce fetal distress?

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 HTA agencies, and a focused Internet search. Results include articles published between 2004 and March 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.

One systematic review, two randomized controlled trials, and one observational study were identified pertaining to the clinical effectiveness of amnioinfusion. One observational study about the effectiveness of intra-uterine pressure catheters was identified. No relevant health technology assessments, controlled clinical trials, or evidence-based guidelines were identified.

No studies were identified that reported on both use of an intra-uterine pressure catheter and amnioinfusion. Additional information that may be of interest has been included in the appendix.
Health technology assessments
No literature identified.

Systematic reviews and meta-analyses


Randomized controlled trials


Controlled clinical trials
No literature identified.

Observational studies


Guidelines and recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Randomized controlled trials


Observational studies


Review articles