TITLE:  Vaginal Preparation Prior to Cesarean Delivery: Clinical Evidence

DATE:  26 November 2013

RESEARCH QUESTIONS

1. What is the clinical evidence for vaginal povidone-iodine scrub with abdominal skin cleaning versus chlorhexidine-alcohol abdominal scrub with prophylactic antibiotic therapy prior to cesarean delivery in patients with intact membranes?

2. What is the clinical evidence for vaginal povidone-iodine scrub with abdominal skin cleaning versus chlorhexidine-alcohol abdominal scrub with prophylactic antibiotic therapy prior to cesarean delivery in patients with ruptured membranes?

KEY MESSAGE

One systematic review and one randomized controlled trial were identified regarding the clinical evidence for vaginal preparation prior to cesarean delivery in patients.

METHODS

A limited literature search was conducted on key resources including PubMed, EBSCO CINAHL, The Cochrane Library (2013, Issue 10), University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit the retrieval by study type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2012 and November 20, 2013. Internet links were provided, where available.

RESULTS

Rapid Response 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 non-randomized studies.
One systematic review and one randomized controlled trial were identified regarding the clinical evidence for vaginal preparation prior to cesarean delivery in patients. No health technology assessments or non-randomized studies were identified.

**Health Technology Assessments**
No literature identified.

**Systematic Reviews and Meta-analyses**

   PubMed: PM23440819

**Randomized Controlled Trials**

   PubMed: PM22590998

**Non-Randomized Studies**
No literature identified.

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