TITLE: Use of Iodophor Infused Adherent Drapes for Orthopedic Surgery: Clinical Effectiveness, Cost-Effectiveness, and Guidelines

DATE: 24 February 2010

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of using iodophor infused adherent drapes for adults undergoing orthopedic surgery?

2. What is the cost-effectiveness of using iodophor infused adherent drapes for adults undergoing orthopedic surgery?

3. What are the evidence-based guidelines for the use of the iodophor infused adherent drapes for adults undergoing orthopedic surgery?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, EBSCOhost CINAHL, the Cochrane Library (Issue 2, 2010), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 2005 and February 2010. No filters were applied to limit the retrieval by study type. Internet links were 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, economic evaluations, and evidence-based guidelines.

One randomized controlled trial, one observational study and three evidence-based guidelines were identified pertaining to the use of the iodophor infused adherent drapes for adults.
undergoing orthopedic surgery. No relevant health technology assessment reports, systematic reviews, meta-analyses, controlled clinical trials, or economic 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**

**Controlled clinical trials**
No literature identified.

**Observational studies**

**Economic evaluations**
No literature identified.

**Guidelines and recommendations**

Summary available:


See page 547: RP: Patient Skin Antisepsis

APPENDIX – FURTHER INFORMATION:

Additional references