TITLE: Use of the T5 Personal Protection System During Arthroplasty Procedures: Clinical and Cost-Effectiveness and Guidelines

DATE: 22 February 2010

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of the T5 Personal Protection System during arthroplasty procedures?

2. What is the cost-effectiveness of the T5 Personal Protection System during arthroplasty procedures?

3. What are the evidence-based guidelines for the use of T5 Personal Protection System during arthroplasty procedures?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 1, 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.

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, or observational studies were identified.
regarding the clinical effectiveness of the T5 Personal Protection System during arthroplasty procedures. No economic analyses were identified regarding cost-effectiveness and no evidence-based guidelines were identified for the use of T5 Personal Protection System during arthroplasty procedures. Additional articles of potential interest regarding personal protection masks and face shields can be found 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**
No literature identified

**Observational studies**
No literature identified

**Economic evaluations**
No literature identified

**Guidelines and recommendations**
No literature identified

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APPENDIX – FURTHER INFORMATION:

Observational studies


Review articles


Additional references