TITLE:  Vitamin E-Infused Polyethylene Hip Implants: Clinical Effectiveness

DATE:  16 March 2010

RESEARCH QUESTION:

What is the clinical effectiveness of vitamin E-infused hip implants?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, 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 March 2010. No filters were applied to limit the retrieval by study type. Internet links were provided, where available.

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.

RESULTS:

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, controlled clinical trials, observational studies, or evidence-based guidelines pertaining to the clinical effectiveness of vitamin E-infused hip implants were identified. Information that may be of interest has been included in the appendix.

OVERALL SUMMARY OF FINDINGS:

No relevant articles were identified, therefore, no summary pertaining to the clinical effectiveness of vitamin E-infused hip implants can be presented. Two ongoing trials were identified and information regarding the trials has been included in the appendix along with additional information that may be of interest.

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REFERENCES SUMMARIZED:

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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APPENDIX – FURTHER INFORMATION:

Ongoing trials


Biomechanical studies


Review articles
