TITLE: Patient Awareness While Under Anesthesia: Evidence of Adverse Events

DATE: 01 September 2009

RESEARCH QUESTION:

What is the evidence for adverse events during surgery or following surgery due to patient awareness while under local or general anesthetic?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 2009), 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 2004 and August 2009. No filters were applied to limit 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, and observational studies.

Four observational studies regarding the evidence for adverse events during surgery or following surgery due to patient awareness while under local or general anesthetic were identified. No relevant health technology assessments, systematic review, meta-analyses, randomized controlled trials, or controlled clinical trials were identified from the literature search results. Additional articles of interest may be found in the appendix.

Health technology assessments

No literature identified.

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Systematic reviews and meta-analyses
No literature identified

Randomized controlled trials
No literature identified

Controlled clinical trials
No literature identified

Observational studies


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APPENDIX – FURTHER INFORMATION:

Evidence-based guidelines

5. Practice advisory for intraoperative awareness and brain function monitoring: a report by
the american society of anesthesiologists task force on intraoperative awareness.
_Anesthesiology_ 2006;104(4):847-64. [PMID: 16571982]
National Guideline Clearinghouse summary:
_Note: see Intraoperative and Postoperative Management_

Review articles


7. Robins K, Lyons G. Intraoperative awareness during general anesthesia for cesarean

_PubMed: PM18630761_

9. Rankin M, Carretta C, Jaroszynski A. Nursing care of posttraumatic stress disorder after

10. Lennmarken C, Sydsjo G. Psychological consequences of awareness and their
_PubMed: PM17900014_