TITLE: Pre-Hospital Drug-Assisted Intubation: Clinical Effectiveness and Safety

DATE: 13 April 2010

RESEARCH QUESTIONS:

1. What is the clinical effectiveness and safety of drug-assisted intubation for patients in the pre-hospital setting?

2. What is the comparative safety of midazolam, fentanyl, and etomidate for drug-assisted intubation in the pre-hospital setting?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 2010), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI (Health Devices Gold), EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 2005 and April 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, and evidence-based guidelines.

One observational study was identified regarding the clinical effectiveness and safety of drug-assisted intubation for patients in the pre-hospital setting. One randomized controlled trial was identified regarding the comparative safety of midazolam and etomidate for drug-assisted intubation in the pre-hospital setting. No relevant health technology assessments, systematic reviews, meta-analyses, controlled clinical trials, or evidence-based guidelines were identified. Additional articles of potential interest can be found 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

Guidelines and recommendations
No literature identified

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APPENDIX – FURTHER INFORMATION:

Position and policy statements


Additional references
