TITLE: Sildenafil for Post-Operative Pulmonary Hypertension: Clinical Effectiveness and A Review of the Guidelines

DATE: 30 September 2008

RESEARCH QUESTION:

1. What is the clinical effectiveness of sildenafil in the treatment of post-operative pulmonary hypertension?

2. What are the guidelines for use of sildenafil in the treatment of post-operative pulmonary hypertension?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 3, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. Results include articles published between 2003 and September 2008, and are limited to English language publications only. Filters were applied to limit the retrieval to health technology assessments, systematic reviews, meta-analysis, randomized controlled trials, controlled clinical trials, observational studies, and guidelines. Internet links are provided, where available.

RESULTS:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports (HTAs), systematic reviews, and meta-analyses are presented first. These are followed by randomized controlled trials (RCTs), controlled clinical trials (CCTs), observational studies, and evidence-based guidelines.

One RCT and two observational studies were identified. No HTAs, CCTs, or evidence-based guidelines were identified. Additional information that may be of interest has been included in the Appendix.

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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:

Review articles


Additional references
