TITLE: Noise Suppression Devices for the Treatment of Tinnitus: Clinical- and Cost-Effectiveness

DATE: 12 August 2009

RESEARCH QUESTIONS:

1. What is the clinical-effectiveness of noise suppression devices for the treatment of tinnitus?

2. What is the cost-effectiveness of noise suppression devices for the treatment of tinnitus?

METHODS:

A limited literature search was conducted on key health technology assessment (HTA) 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. Filters were applied to limit the retrieval to HTAs, systematic reviews, meta-analyses, randomized controlled trials (RCT), controlled clinical trials, observational studies, and economic studies. Internet links were provided, where available.

RESULTS:

HTIS reports are organized so that the higher quality evidence is presented first. Therefore, HTAs, systematic reviews, and meta-analyses are presented first. These are followed by RCTs, controlled clinical trials, observational studies, and economic evaluations.

One HTA, one systematic review, two RCTs, one controlled clinical trial, and four observational studies were identified pertaining to noise suppression devices for the treatment of tinnitus. No relevant economic evaluations were identified. Additional information that may be of interest has been included in the appendix.
Health technology assessments

   Structured abstract available: [http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=32004000336](http://www.crd.york.ac.uk/CRDWeb/ShowRecord.asp?ID=32004000336) (accessed 2009 Aug 07).

Systematic reviews and meta-analyses


Randomized controlled trials


Controlled clinical trials


Observational studies


Economic evaluations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Review articles


Additional references


