

Title **Neuromonics Tinnitus Masker**

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Reference **Technology Review Report - 001/2011,**
http://www.moh.gov.my/technology_reviews/190

Aim

To assess the safety, effectiveness and cost-effectiveness of Neuromonics Tinnitus Masker Treatment (NNT) for the management of tinnitus.

Conclusions and results

Evidence from six sources between 2007 and 2010 was included in this review. The search did not retrieve any scientific study on the safety or cost-effectiveness of this technology. However, it has received USFDA clearance.

Recommendations

Neuromonics Tinnitus Treatment showed potential benefit when used to treat patients with tinnitus. Hence, Neuromonics Tinnitus Treatment can be recommend for use in Ministry of Health (MOH) of Malaysia facilities as a research purpose (to provide relief from disturbance of tinnitus) to provide more quality evidence. Clinical research conducted locally is much warranted with a larger number of study participants.

Methods

Electronic databases were searched, included PubMed, Ovid Medline (R) from 1990-2006 (EBM Reviews – Cochrane Databases of Systematic Reviews), Ovid Medline (R) from 1990-2006 (EBM Reviews – Cochrane Databases of Controlled Trial), National Horizon Scanning, INAHTA and FDA, NIOSH website, for published reports. There was no limit in the search. Additional articles were identified from reviewing the bibliographies of retrieved articles.

The search strategy used singular terms and combinations such as; “Neuromonics tinnitus”, “tinnitus masker”, “Neuromonics”, “safety AND Neuromonics” and “cost-effectiveness AND Neuromonics”.

Further research/reviews required

Further clinical research and studies should be carried out at our local clinical settings in order to validate the equipment performance and ascertain its safety, effectiveness/efficacy and cost effectiveness.

Written by

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