TITLE: Electroencephalography (EEG) and Sensory and Motor Testing During Carotid Endarterectomies: Clinical-Effectiveness

DATE: 05 June 2009

RESEARCH QUESTIONS:

1. What is the clinical-effectiveness of intraoperative EEG monitoring during carotid endarterectomies?

2. What is the clinical-effectiveness of sensory and motor testing during carotid endarterectomies?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 2, 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 May 2009. 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, and observational studies.

Six observational studies were identified regarding the clinical-effectiveness of intraoperative EEG monitoring, or sensory and motor testing during carotid endarterectomies. No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, or controlled clinical trials were identified from the literature search results. Additional articles of interest are located in the appendix.
Health technology assessments
No literature identified

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:

Review articles


