TITLE: The Removal or Replacement of Mercury-Based Dental Amalgams: Clinical Evidence

DATE: 25 September 2012

RESEARCH QUESTION

What is the clinical evidence on the removal or replacement of mercury based amalgams?

KEY MESSAGE

No relevant literature was identified on the clinical evidence regarding the removal or replacement of mercury based amalgams.

METHODS

A limited literature search was conducted on key resources including MEDLINE with in-process records & daily updates via Ovid, PubMed, The Cochrane Library (2012, Issue 9), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI (Health Devices Gold), Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit the retrieval by study type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2007 and September 20, 2012. Internet links were provided, where available.

RESULTS

Rapid Response 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.

No relevant health technology assessments, systematic reviews, meta-analyses, or randomized controlled trials were identified regarding the clinical evidence on the removal or replacement of...
mercury based amalgams. Additional references of potential interest are provided in the appendix.

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Randomized Controlled Trials
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Systematic Review - outside the literature search time frame


Randomized Controlled Trials

Post-Hoc Analysis


Complaint Reduction


Non-Randomized Studies


Expert Opinion and Position Statements

Information on removal of dental amalgams throughout the document
See section entitled: Improvement after removal of amalgam (page 8 of 17)

Information on removal of dental amalgams throughout the document

Review Articles

Sections on dental amalgam removal throughout the document

Additional References

See fulltext link QA74_4_Amalgam_breastfeedingUpdate2012.doc