**Criteria and Tools for the Planning or Prioritization of Medical Equipment for Replacement: Clinical Evidence and Guidelines**

**DATE:** 12 September 2014

**RESEARCH QUESTIONS**

1. What is the clinical evidence regarding criteria for rating and ranking of medical equipment for the purposes of replacement planning?

2. What is the clinical evidence regarding the effectiveness of tools for the planning or prioritization of medical equipment for replacement?

3. What are the evidence-based tools or guidelines for the prioritization of medical equipment for replacement?

**KEY FINDINGS**

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines were found regarding the criteria and tools for the planning or prioritization of medical equipment for replacement.

**METHODS**

A focused literature search (with main concepts appearing in the title or subject heading) was conducted on key resources including PubMed, The Cochrane Library (2014, Issue 9), University of York Centre for Reviews and Dissemination (CRD) databases, 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, 2009 and September 8, 2014. Internet links were provided, where available.

**Disclaimer:** The Rapid Response Service is an information service for those involved in planning and providing health care in Canada. Rapid responses are based on a limited literature search and are not comprehensive, systematic reviews. The intent is to provide a list of sources of the best evidence on the topic that CADTH could identify using all reasonable efforts within the time allowed. Rapid responses should be considered along with other types of information and health care considerations. The information included in this response is not intended to replace professional medical advice, nor should it be construed as a recommendation for or against the use of a particular health technology. Readers are also cautioned that a lack of good quality evidence does not necessarily mean a lack of effectiveness particularly in the case of new and emerging health technologies, for which little information can be found, but which may in future prove to be effective. While CADTH has taken care in the preparation of the report to ensure that its contents are accurate, complete and up to date, CADTH does not make any guarantee to that effect. CADTH is not liable for any loss or damages resulting from use of the information in the report.

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SELECTION CRITERIA

One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.

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<th>Table 1: Selection Criteria</th>
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<td>Population</td>
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<td>Outcomes</td>
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<td>Study Designs</td>
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RESULTS

No relevant health technology assessment reports, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines were identified regarding the criteria and tools for the planning or prioritization of medical equipment for replacement.

Seven 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.

Non-Randomized Studies
No literature identified.

Guidelines and Recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Conference Proceedings


Additional References


