Title: Vest CPR for Cardiac Arrest in a Pre-Hospital Setting: Clinical and Cost Effectiveness

Date: 27 March 2008

Research questions:

1. What is the clinical effectiveness of vest CPR versus chest compressions for cardiac arrest in a pre-hospital setting?

2. What is the cost effectiveness of vest CPR versus chest compressions for cardiac arrest in a pre-hospital setting?

Methods:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 1, 2008), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international HTA agencies, and a focused Internet search. Results include articles published between 2000 and March 2008, and are limited to English language publications only. No filters were applied to limit the retrieval by study type. Internet links are provided, where available.

Results:

No health technology assessments, systematic reviews, meta-analyses, economic analyses, randomized controlled trials, or observational studies were identified by the literature search. Two guidelines are listed below and additional references of interest are included in the attached appendix.

Health technology assessments
No literature identified

Systematic reviews and meta-analyses
No literature identified

Disclaimer: The Health Technology Inquiry Service (HTIS) is an information service for those involved in planning and providing health care in Canada. HTIS 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. HTIS 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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Links: This report may contain links to other information on available on the websites of third parties on the Internet. CADTH does not have control over the content of such sites. Use of third party sites is governed by the owners’ own terms and conditions.
Economic analyses and cost information
No literature identified

Randomized controlled trials
No literature identified

Observational studies
No literature identified

Guidelines and recommendations


Prepared by:

Karen Cimon, Research Assistant
Carolyn Spry, Information Specialist
Health Technology Inquiry Service
Email: [htis@cadth.ca](mailto:htis@cadth.ca)
Tel: 1-866-898-8439
Appendix – Further information:

Review articles


Additional references