TITLE: Liquid Topical Skin “Glue” for Skin Lacerations in Pediatric Patients: Guidelines

DATE: 27 February 2009

RESEARCH QUESTIONS:

1. What are the guidelines for use of liquid topical skin “glue” for skin lacerations in pediatric patients?

2. What are the indications for and contraindications for using liquid topical skin “glue” for skin lacerations in pediatric patients?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 1, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. Database results include articles published between 2004 and February 2009, and are limited to English language publications only. No date restriction was used for the grey literature search. No filters were applied to limit the retrieval by study type. Internet links are 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, observational studies, and evidence-based guidelines.

One systematic review and two randomized controlled trials were identified pertaining to the use of liquid topical skin “glue” for skin lacerations. No health technology assessments, controlled clinical trials, observational studies or evidence-based guidelines were identified. Additional information that may be of interest, including a systematic review, has been included in the appendix.

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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Health technology assessments
No literature identified.

Systematic reviews and meta-analyses


   Updated in 2007, republished online with edits: *Cochrane Database Syst Rev* 2009;(1)

Randomized controlled trials


Controlled clinical trials
No literature identified.

Observational studies
No literature identified.

Guidelines and recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Systematic reviews and meta-analyses


This may be a duplicate of the systematic review included in the main body of the report.

Randomized controlled trials


Observational studies


Review articles


Additional references