Title: Ciclesonide versus Budesonide for Asthma in Adolescents: Clinical and Cost-Effectiveness

Date: 18 December 2007

Research question:

1. What is the clinical effectiveness of ciclesonide compared to budesonide for the management of asthmatic episodes in adolescents?

2. What is the cost-effectiveness of ciclesonide compared to budesonide for the management of asthmatic episodes in adolescents?

Methods:

A limited literature search was conducted on key health technology assessment resources, including Pubmed, the Cochrane Library (Issue 2, 2007), 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 1997 and the present, 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:

Four randomized controlled trials were identified from the literature search results. No health technology assessments, systematic reviews, meta-analyses, economic analyses or guidelines were identified from the results.

Health technology assessments

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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Systematic reviews and meta-analyses

No literature identified

Economic analyses and cost information

No literature identified

Randomized controlled trials

**Adolescent population**


**Adolescent and adult population**


Guidelines and recommendations

No literature identified

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Appendix – Further information:

Systematic reviews and meta-analyses

Adult population


Randomized controlled trials

*Pediatric population*


Review articles


Additional references