Title: Clinical Benefit and Risks of Treatment with Statins in the Elderly

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Research question:
1. Is there evidence of a clinical benefit of starting treatment with statins in patients over 80 years of age in long-term care?
2. What are the risks of beginning statin treatment in patients over 80 years of age?

Methods: A 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’s HTAIS, EuroScan, international HTA agencies, and a focused Internet search. Results include English language publications from 2002 to date. Links to online full-text or abstracts are provided when available.

Results: The results are listed below and additional references of interest are included in the attached appendix. No relevant health technology assessments or systematic reviews were identified in the literature search.

Health technology assessments
None found

Systematic reviews
None found

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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Randomized controlled trials


*Note: The population in this trial is home-based, not long-term care*


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Appendix – Further information:

Clinical studies


Review articles


