TITLE: Hip Protectors in Long-Term Care: Clinical and Cost-Effectiveness

DATE: 14 January 2010

RESEARCH QUESTIONS:

1. What is the clinical effectiveness of hip protectors to prevent injuries for residents in long-term care facilities and assisted/supervised care?

2. What is the cost-effectiveness of hip protectors to prevent injuries for residents of long-term care facilities and assisted/supervised care?

3. What are the guidelines and criteria for patient selection for use of hip protectors?

METHODS:

A limited literature search was conducted on key health technology assessment resources, including PubMed, the Cochrane Library (Issue 4, 2009), University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, EuroScan, international health technology agencies, and a focused Internet search. The search was limited to English language articles published between 2008 and January 2010. No filters were applied to limit the retrieval by study type in the main search of hip protectors in long-term care. However, filters were used to limit the retrieval to economic and clinical guidelines in a general search on hip protectors. Internet links were provided, where available.

RESULTS:

This report is an update to a peer-reviewed summary with critical appraisal published in May 2008 entitled, “Hip Protectors In Long-Term Care: A Clinical and Cost-Effectiveness Review and Primary Economic Evaluation” and includes published literature starting from April 1, 2008.

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, economic evaluations, and evidence-based guidelines.

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One systematic review, one randomized controlled trial, three observational studies, one economic evaluation, and one evidence-based guideline were identified pertaining to the use of hip protectors to prevent injuries for residents in long-term care facilities and assisted/ supervised care. No relevant health technology assessment reports or controlled clinical trials were identified. Additional information that may be of interest has been included in the appendix.

**Health technology assessments**
No literature identified.

**Systematic reviews and meta-analyses**

   See Hip protectors page 25

**Randomized controlled trials**


**Controlled clinical trials**
No literature identified.

**Observational studies**


**Economic evaluations**

Guidelines and recommendations


PREPARED BY:
Kristen Moulton, BA, Research Assistant
Hayley Fitzimmons, MLIS, Manager Information Services
Health Technology Inquiry Service
Email: htis@cadth.ca
Tel: 1-866-898-8439
APPENDIX – FURTHER INFORMATION:

Ongoing randomized controlled trials


Review articles


Additional references
