Case Management for Frail Elderly in the Community Setting: Clinical Effectiveness, Cost-Effectiveness, and Guidelines
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Acknowledgments:

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About CADTH: CADTH is an independent, not-for-profit organization responsible for providing Canada’s health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs, medical devices, diagnostics, and procedures in our health care system.
Research Questions

1. What is the clinical effectiveness of case management for frail elderly in the community?
2. What is the cost-effectiveness of case management for frail elderly in the community?
3. What are the evidence-based guidelines regarding case management interventions for frail elderly in the community?

Key Findings

One health technology assessment, seven systematic reviews and meta-analyses, 15 randomized control trials, and four economic evaluations were identified regarding case management for frail elderly in the community setting. Additionally, two evidence-based guidelines were identified regarding case management for frail elderly in the community setting.

Methods

A limited literature search was conducted on key resources including PubMed, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases, Canadian and major international health technology agencies, as well as a focused Internet search. Methodological filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, economic studies, and guidelines. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2012 and March 15, 2017. Internet links were provided, where available.

Selection Criteria

One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.

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<th>Table 1: Selection Criteria</th>
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<tr>
<td><strong>Population</strong></td>
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<td><strong>Intervention</strong></td>
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<td><strong>Comparator</strong></td>
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Results

Rapid Response 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, economic evaluations, and evidence-based guidelines.

One health technology assessment, seven systematic reviews and meta-analyses, 15 randomized control trials, and four economic evaluations were identified regarding case management for frail elderly in the community setting. Additionally, two evidence-based guidelines were identified regarding case management for frail elderly in the community setting.

Additional references of potential interest are provided in the appendix.

Health Technology Assessments


Systematic Reviews and Meta-analyses


Randomized Controlled Trials


Economic Evaluations


Guidelines and Recommendations


Appendix — Further Information

Systematic Review – Alternate Outcomes


Randomized Control Trials – Alternate Comparator


Non-Randomized Studies


Economic Evaluations – Alternate Comparator


Clinical Practice Guidelines – Unclear Methodology


Review Articles


See: Contextual factors affecting case management


Additional References


See: Interventions for the Elderly