This report was published on May 1, 2020, 2:00 p.m.

To produce this report, CADTH used a modified approach to the selection, appraisal, and synthesis of the evidence to meet decision-making needs during the COVID-19 pandemic. Care has been taken to ensure the information is accurate and complete, but it should be noted that international scientific evidence about COVID-19 is changing and growing rapidly.
Research Questions

1. What is the clinical evidence regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission?
2. What are the evidence-based guidelines regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission?

Key Findings

No clinical evidence was identified regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission. In addition, no relevant evidence-based guidelines were identified regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission.

Methods

A limited literature search was conducted by an information specialist on key resources including PubMed, the Cochrane Library, the University of York Centre for Reviews and Dissemination (CRD) databases, the websites of Canadian and major international health technology agencies, as well as a focused internet search. The search strategy was comprised of both controlled vocabulary, such as the National Library of Medicine’s MeSH (Medical Subject Headings), and keywords. The main search concepts were social isolation and COVID-19. No filters were applied to limit the retrieval by study type. The search was limited to English language documents published between Jan 1, 2015 and Apr 21, 2020. Internet links were provided, where available.

Selection Criteria

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

<table>
<thead>
<tr>
<th>Table 1: Selection Criteria</th>
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<td><strong>Population</strong></td>
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<td><strong>Intervention</strong></td>
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| **Comparator** | Q1: Hospital-based or no isolation  
Q2: Not applicable |
| **Outcomes** | Q1: Prevention of coronavirus transmission or infection  
Q2: Recommendations regarding home isolation and when it is appropriate (e.g., length of isolation after the onset of treatment) |
| **Study Designs** | Health technology assessments, systematic reviews, randomized controlled trials, non-randomized studies, and evidence-based guidelines |
Results

Rapid Response reports are organized so that the higher quality evidence is presented first. Therefore, health technology assessment reports and systematic reviews are presented first. These are followed by randomized controlled trials, non-randomized studies, and evidence-based guidelines.

No clinical evidence was identified regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission. In addition, no relevant evidence-based guidelines were identified regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission.

References of potential interest are provided in the appendix.

Overall Summary of Findings

No relevant clinical evidence or evidence-based guidelines were identified regarding home or community isolation for the prevention of coronavirus disease (COVID-19) transmission, therefore no summary can be provided.

References Summarized

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-Analyses
No literature identified.

Randomized Controlled Trials
No literature identified.

Non-Randomized Studies
No literature identified.

Guidelines and Recommendations
No literature identified.
Appendix — Further Information

Related CADTH Reports


Systematic Reviews — Alternative Conditions


Clinical Practice Guidelines — Methodology Not Specified

   See: Case Management (confirmed, probable, and suspect), Case Management in the Community, including suspect cases, page 5; Appendix 1: Self-isolation considerations for cases, page 10.

   See: 5.4 Isolation and cohorting, page 19.

   See: Rapidly identify and properly respond to residents with suspected or confirmed COVID-19.


   See: Assess the Suitability of the Residential Setting for Home Care.

    See: Medical Isolation of Confirmed or Suspected COVID-19 Cases.


    See: Things facilities should do now, Evaluate and Manage Residents with Symptoms of COVID-19.


See: Placement of residents within the RCF, Placement of residents with suspected or confirmed COVID-19, page 2.

See: Isolation and restriction, page 9; Release from isolation, Confirmed or probable cases with mild illness who did not require hospitalisation, page 10.

See: 5.4.1. Isolation and Cohorting, page 18.


See: 5. Accommodation and Placement, page 17.

See: Non-hospitalised COVID-19 cases, page 9; Release from isolation of suspect, confirmed or probable COVID-19 cases, page 9.

See: Triggering an Outbreak Assessment, For an Ill Resident, page 7; Additional Outbreak Control Measures, Cohorting, page 14.

See: Responding to a COVID-19 outbreak in your community.


Review Articles


Alternative Conditions


Additional References