Indwelling Catheterization versus Intermittent Catheterization for Patients with Spinal Cord Injuries: Comparative Clinical Effectiveness and Guidelines
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Acknowledgments:

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Research Questions

1. What is the comparative clinical effectiveness and harms between indwelling catheterization versus intermittent catheterization (in and out catheterization) for patients with spinal cord injury or neurogenic bladder?

2. What are the evidence-based guidelines regarding catheterization for patients with spinal cord injury or neurogenic bladder?

Key Findings

One systematic review and six non-randomized studies were identified regarding the comparative clinical effectiveness of indwelling versus in and out catheterization for patients with spinal cord injury or neurogenic bladder.

Methods

A limited literature search was conducted on key resources PubMed, CINAHL database, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases and a focused Internet search. No methodological filters were applied to limit retrieval by publication type. The search was limited to English language documents published between January 1, 2012 and December 7, 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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<thead>
<tr>
<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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<td><strong>Outcomes</strong></td>
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<td><strong>Study Designs</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, non-randomized studies, and evidence-based guidelines.

One systematic review and six non-randomized studies were identified regarding the comparative clinical effectiveness of indwelling versus in and out catheterization for patients with spinal cord injury or neurogenic bladder. No relevant health technology assessments, randomized controlled trials, or evidence-based guidelines were identified.

Additional references of potential interest are provided in the appendix.

Health Technology Assessments

No literature identified.

Systematic Reviews and Meta-analyses


Randomized Controlled Trials

No literature identified.

Non-Randomized Studies


Guidelines and Recommendations

No literature identified.
Appendix — Further Information

Systematic Reviews and Meta-Analyses

Spinal Cord Injury or Neurogenic Bladder Not Specified


Non-Randomized Studies

Alternative Outcome


Guidelines and Recommendations - Spinal Cord Injury or Neurogenic Bladder Not Specified


Clinical Practice Guidelines – Uncertain Methodology

See: Bladder