Flusher Disinfectors and Macerators for the Disinfection of Patient Ware: Clinical and Cost-Effectiveness
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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 using flusher disinfector washers for the cleaning and disinfection of patient ware?

2. What is the clinical effectiveness of using macerators for the cleaning and disinfection of patient ware?

3. What is the comparative clinical effectiveness between flusher disinfector washers and macerators for the cleaning and disinfection of patient ware?

4. What is the comparative cost-effectiveness between flusher disinfector washers and macerators for the cleaning and disinfection of patient ware?

Key Findings

No relevant literature was identified regarding the clinical effectiveness or cost-effectiveness of using flusher disinfector washers or macerators for the cleaning and disinfection of patient ware.

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 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, 2013 and January 18, 2018. 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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<td><strong>Population</strong></td>
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| **Interventions** | Q1,Q3-Q4: Flusher disinfector washers (e.g., Tornado, Revo, Getinge)  
Q2: Macerators (e.g., Vernacare) |
| **Comparators** | Q1-Q2: Other methods of disinfection  
Q3-Q4: Macerators |
| **Outcomes** | Q1-Q3: Clinical effectiveness (e.g., infection rates), harm  
Q4: Cost-effectiveness outcomes |
| **Study Designs** | Health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, economic evaluations |
Results

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or economic evaluations were identified regarding the clinical effectiveness or cost-effectiveness of using flusher disinfector washers or macerators for the cleaning and disinfection of patient ware.

References of potential interest are provided in the appendix.

Overall Summary of Findings

No relevant literature was identified regarding the clinical effectiveness or cost-effectiveness of using flusher disinfector washers or macerators for the cleaning and disinfection of patient ware; 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.

Economic Evaluations
No literature identified.
Appendix — Further Information

Previous CADTH Reports


Non-Randomized Studies

In Vitro Studies


Review Articles


