TITLE:  Deproteinized Latex Catheters for Patients Requiring Urinary Catheterization: Safety

DATE:  07 November 2016

RESEARCH QUESTION

What is the clinical evidence regarding the safety of deproteinized latex catheters for patients requiring urinary catheterization?

KEY FINDINGS

No relevant health literature was identified regarding the safety of deproteinized latex catheters for patients requiring urinary catheterization. References of potential interest are provided in the appendix.

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, ECRI Institute (Health Devices Gold), Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit retrieval by publication type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2006 and October 31, 2016. 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 1: Selection Criteria

<table>
<thead>
<tr>
<th>Population</th>
<th>Patients requiring urinary catheterization, health care workers performing catheterization procedures (any setting)</th>
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<tbody>
<tr>
<td>Intervention</td>
<td>Deproteinized latex Foley catheters (latex catheters that have undergone deproteinization procedures to remove latex allergens, followed by coating)</td>
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<tr>
<td>Comparator</td>
<td>Latex-free Foley catheters (100% silicone), no comparator</td>
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<tr>
<td>Outcomes</td>
<td>Safety (e.g., allergic reactions, sensitivity to catheterization)</td>
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<tr>
<td>Study Designs</td>
<td>Health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies</td>
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</table>

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 and non-randomized studies.

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials or non-randomized studies were identified regarding the safety of deproteinized latex catheters for patients requiring urinary catheterization.

References of potential interest are provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the safety of deproteinized latex catheters for patients requiring urinary catheterization, 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.

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APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies – Health Care Practitioner Evaluation, Gloves


Review Articles


Alternate Product – Condoms


Alternate Product – Gloves


Additional References

Continuing Education Course – Gloves


Manufacturer Press Release