TITLE: Peristeen Anal Irrigation System for the Management of Incontinence and Constipation in Patients with VACTERL Association: Clinical Effectiveness and Cost-Effectiveness

DATE: 07 July 2015

RESEARCH QUESTIONS

1. What is the clinical effectiveness of the Peristeen anal irrigation system for the management of incontinence and constipation in patients with VACTERL association?

2. What is the cost-effectiveness of the Peristeen anal irrigation system for the management of incontinence and constipation in patients with VACTERL association?

KEY FINDINGS

No literature was identified regarding the clinical and cost-effectiveness of the Peristeen anal irrigation system for the management of incontinence and constipation in patients with VACTERL association.

METHODS

A limited literature search was conducted on key resources including Ovid Medline, PubMed, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, Canadian and major international health technology agencies, as well as a focused Internet search. No filters were applied to limit the retrieval by study type. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2010 and June 30, 2015. 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 of any age with VACTERL association</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intervention</td>
<td>Peristeen Anal Irrigation System</td>
</tr>
<tr>
<td>Comparator</td>
<td>Q1: Enema; Any other management strategy; No comparator</td>
</tr>
<tr>
<td></td>
<td>Q2: Any other management strategy</td>
</tr>
<tr>
<td>Outcomes</td>
<td>Q1: Quality of life; Any measure of clinical effectiveness</td>
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<tr>
<td></td>
<td>Q2: Cost-effectiveness outcomes</td>
</tr>
<tr>
<td>Study Designs</td>
<td>Health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, economic evaluations</td>
</tr>
</tbody>
</table>

VACTERL: vertebral defects, anal atresia, cardiac defects, tracheo-esophageal fistula, renal anomalies, and limb abnormalities

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 economic evaluations.

No literature was identified regarding the clinical and cost-effectiveness of the Peristeen anal irrigation system for the management of incontinence and constipation in patients with VACTERL association.

References of potential interest are provided in the appendix.

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

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APPENDIX – FURTHER INFORMATION:

PERISTEEN ANAL IRRIGATION SYSTEM

Non-Randomized Studies – Alternate Population


Qualitative Studies


Review Articles – Alternate Population, Unclear Methodology

