TITLE: Fin-Style Stirrups for Patients Undergoing Gynecological or Bowel Procedures in the Lithotomy Position: Clinical Effectiveness and Cost-Effectiveness

DATE: 20 June 2016

RESEARCH QUESTIONS

1. What is the clinical effectiveness of fin-style lithotomy stirrups for patients undergoing gynecological and/or bowel medical or surgical procedures?

2. What is the cost-effectiveness of fin-style lithotomy stirrups for patients undergoing gynecological and/or bowel medical or surgical procedures?

KEY FINDINGS

No relevant literature was identified regarding the clinical or cost effectiveness of fin-style stirrups for patients undergoing gynecological or bowel medical or surgical procedures in the lithotomy position.

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, 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, 2006 and June 9, 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

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<tr>
<td><strong>Population</strong></td>
<td>Patients undergoing gynecological and/or bowel medical or surgical procedures (e.g. sigmoid bowel resections, cystoscopy procedures) in the lithotomy position</td>
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<td><strong>Intervention</strong></td>
<td>Fin-style lithotomy stirrups (e.g. Yellofin®)</td>
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<td><strong>Comparator</strong></td>
<td>Alternate style stirrups (e.g. candy cane-style, knee-crutch, other boot-type)</td>
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<td><strong>Outcomes</strong></td>
<td>Q1: Clinical benefits (e.g. patient comfort, lower limb stability during the procedure) and harms (e.g. lower limb nerve injuries, blood clots, bruising)</td>
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<td>Q2: Cost-effectiveness (e.g. incremental cost per QALY gained)</td>
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<td><strong>Study Designs</strong></td>
<td>Health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, economic evaluations</td>
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QALY = quality-adjusted life year.

RESULTS

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or economic analyses were identified regarding the clinical or cost effectiveness of fin-style stirrups for patients undergoing gynecological or bowel medical or surgical procedures in the lithotomy position.

References of potential interest are provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was identified regarding the clinical or cost effectiveness of fin-style stirrups for patients undergoing gynecological or bowel medical or surgical procedures in the lithotomy position; 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.

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APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies

Fin-Style Stirrups Mentioned in Full Text and Used as Part of Study Procedure


Healthy Participants


Note: Yellofins mentioned in full-text
Evidence-Based Guidelines


Note: Discusses stirrup use in lithotomy position, fin-style not mentioned