RESEARCH QUESTIONS

1. What is the clinical evidence regarding thrombophilia testing for women who have had early pregnancy loss?
2. What is the cost effectiveness of thrombophilia testing for women who have had early pregnancy loss?
3. What are the evidence-based guidelines regarding thrombophilia testing for women who have had early pregnancy loss?

KEY FINDINGS

One systematic review, one non-randomized study, and five evidence-based guidelines regarding the clinical effectiveness of thrombophilia testing for women who have had early pregnancy loss were identified.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2014, Issue 8), 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, 2009 and August 7, 2014. Internet links were provided, where available.
**SELECTION CRITERIA**

<table>
<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, economic evaluations, and evidence-based guidelines.

One systematic review, one non-randomized study, and five evidence-based guidelines regarding the clinical effectiveness of thrombophilia testing for women who have had early pregnancy loss were identified. No relevant health technology assessments, randomized controlled trials, or economic evaluations 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**

Economic Evaluations
No literature identified.

Guidelines and Recommendations

PubMed: PM19671474

PubMed: PM23288205

See: Major Recommendations

See: Section 5.4 Thrombophilias, page 8

See: Guideline, page 2

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APPENDIX – FURTHER INFORMATION:

Non-Randomized Studies

Statistical Model


Decision Analysis


Guidelines and Recommendations

Methodology Unclear


See: Pregnant Patients, pages 9-13

See: Page 2

Review Articles


