Solvent Detergent Plasma versus Standard Plasma for the Treatment of Thrombotic Thrombocytopenic Purpura: Comparative Clinical Effectiveness and Cost-Effectiveness
Research Questions

1. What is the comparative clinical effectiveness of solvent detergent plasma versus standard plasma for the treatment of thrombotic thrombocytopenic purpura?

2. What is the cost-effectiveness of solvent detergent plasma versus standard plasma for the treatment of thrombotic thrombocytopenic purpura?

Key Findings

One non-randomized study was identified regarding the clinical effectiveness of solvent detergent plasma for patients with thrombotic thrombocytopenic purpura.

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 May 1, 2011 and August 10, 2017. 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>
<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, and economic evaluations.

One non-randomized study was identified regarding the clinical effectiveness of solvent detergent plasma for patients with thrombotic thrombocytopenic purpura. No relevant health technology assessments, systematic reviews, meta-analyses, 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

No literature identified.

Randomized Controlled Trials

No literature identified.

Non-Randomized Studies


Economic Evaluations

No literature identified.
Appendix — Further Information

Previous CADTH Reports


Randomized Controlled Trials – Alternative Comparator


Non-Randomized Studies

Alternative Comparator


Case Reports

No Comparator


Economic Evaluations - Thrombotic Thrombocytopenic Purpura Not Mentioned


Guidelines and Recommendations


Review Articles