TITLE: SynCardia Total Artificial Heart for Failing Fontan Circulation: Clinical Effectiveness and Safety

DATE: 19 October 2015

RESEARCH QUESTION

What is the clinical effectiveness and safety of the SynCardia Total Artificial Heart for patients with failing Fontan circulation?

KEY FINDINGS

No relevant literature was identified regarding the clinical effectiveness and safety of the SynCardia Total Artificial Heart for patients with failing Fontan circulation.

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, Synergus HTA Update, 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. The search was limited to English language documents published between Jan 1, 2010 and Oct 14, 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.

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<th>Table 1: Selection Criteria</th>
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<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.

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, or non-randomized studies were identified regarding the clinical effectiveness and safety of the SynCardia Total Artificial Heart for patients with failing Fontan circulation.

References of potential interest are provided in the appendix.
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:

Review Articles


Review Articles


Additional References

