

CADTH RAPID RESPONSE REPORT: REFERENCE LIST

# Switching Between Transcutaneous Pacemakers: Guidelines

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**Authors:** Dinsie Williams, Alison Adams

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## Research Question

What are the evidence-based guidelines regarding care of transcutaneous-paced adult patients who require switching to a different transcutaneous pacemaker?

## Key Findings

No relevant evidence-based guidelines were identified regarding care of transcutaneous-paced adult patients who require switching to a different transcutaneous pacemaker.

## Methods

A limited literature search was conducted by an information specialist on key resources including PubMed, the Cochrane Library, the University of York Centre for Reviews and Dissemination (CRD) databases, the websites of Canadian and major international health technology agencies, as well as a focused Internet search. The search strategy was comprised of both controlled vocabulary, such as the National Library of Medicine's MeSH (Medical Subject Headings), and keywords. The main search concepts were transcutaneous pacing and arrhythmia. Search filters were applied to limit retrieval to health technology assessments, systematic reviews, meta-analyses, network meta-analyses, and guidelines. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2014 and July 15, 2019. 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**

|                      |  |
|----------------------|--|
| <b>Population</b>    | Adult patients with heart arrhythmias who are being transcutaneously paced |
| <b>Intervention</b>  | Switching between transcutaneous pacemakers (pacing)                       |
| <b>Comparator</b>    | Not applicable   |
| <b>Outcomes</b>      | Guidelines regarding switching patients between transcutaneous pacemakers  |
| <b>Study Designs</b> | Evidence-based guidelines  |

## Results

No relevant evidence-based guidelines regarding switching between transcutaneous pacemakers were identified.

## Guidelines and Recommendations

No literature identified.