TITLE: Vital Sign Monitoring for Residents in Long-Term Care Facilities: Guidelines

DATE: 21 January 2016

RESEARCH QUESTIONS

1. What are the evidence-based guidelines regarding the optimal frequency for the monitoring of vital signs for residents in long-term care facilities?

2. What are the evidence-based guidelines regarding optimal practice for the monitoring of vital signs of residents in long-term care facilities?

KEY FINDINGS

No evidence-based guidelines were identified regarding the optimal frequency or practice for the monitoring of vital signs for residents in long-term care facilities.

METHODS

A limited literature search was conducted on key resources including PubMed, Ovid Medline, The Cochrane Library, University of York Centre for Reviews and Dissemination (CRD) databases, ECRI, 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, 2011 and January 15, 2016. Internet links were provided, where available.

The summary of findings was prepared from the abstracts of the relevant information. Please note that data contained in abstracts may not always be an accurate reflection of the data contained within the full article.

SELECTION CRITERIA

One reviewer screened citations and selected studies based on the inclusion criteria presented in Table 1.
Table 1: Selection Criteria

<table>
<thead>
<tr>
<th>Population</th>
<th>Stable, predictable residents in long-term care (LTC) facilities</th>
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<tbody>
<tr>
<td>Intervention</td>
<td>Vital sign monitoring (blood pressure, temperature, pulse, respiration plus add-ons such as pulse oximetry and weight)</td>
</tr>
<tr>
<td>Comparator</td>
<td>No vital sign monitoring or a different frequency of monitoring</td>
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<tr>
<td>Outcomes</td>
<td>Evidence-based guidelines regarding the frequency or necessity of vital sign monitoring for optimal health and care of residents in LTC</td>
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<tr>
<td>Study Designs</td>
<td>Health technology assessments, systematic reviews, meta-analyses, guidelines</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 evidence-based guidelines.

No health technology assessments, systematic reviews, meta-analyses, or evidence-based guidelines were identified regarding the optimal frequency or practice for the monitoring of vital signs for residents of long-term care facilities.

References of potential interest are provided in the appendix.

OVERALL SUMMARY OF FINDINGS

No relevant literature was found regarding the optimal frequency or practice for the monitoring of vital signs for residents of long-term care facilities; therefore, no summary can be provided.
REFERENCES SUMMARIZED

Health Technology Assessments
No literature identified.

Systematic Reviews and Meta-analyses
No literature identified.

Guidelines and Recommendations
No literature identified.

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APPENDIX – FURTHER INFORMATION:

Review Articles

   PubMed: PM21450180

Additional References
