TITLE: The Use of Chemical Restraints in the Pre-Hospital Setting: Guidelines

DATE: 03 March 2015

RESEARCH QUESTION

What are the evidence-based guidelines regarding the use of chemical restraints in the pre-hospital setting?

KEY FINDINGS

No relevant health technology assessments, systematic reviews, meta-analyses, or evidence-based guidelines were identified regarding the use of chemical restraints in the pre-hospital setting. References of potential interest are provided in the appendix.

METHODS

A limited literature search was conducted on key resources including PubMed, The Cochrane Library (2015, Issue 2), 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, 2010 and February 23, 2015. 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>Patients requiring chemical restraint in the pre-hospital setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intervention</td>
<td>Chemical restraints</td>
</tr>
<tr>
<td>Comparator</td>
<td>None; Other chemical restraints</td>
</tr>
<tr>
<td>Outcomes</td>
<td>Guidelines and recommendations; Safety of various chemical agents</td>
</tr>
<tr>
<td>Study Designs</td>
<td>Health technology assessments, systematic reviews, meta-analyses, evidence-based guidelines</td>
</tr>
</tbody>
</table>

**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 relevant health technology assessments, systematic reviews, meta-analyses, or evidence-based guidelines were identified regarding the use of chemical restraints in the pre-hospital setting. References of potential interest are provided in the appendix.

**OVERALL SUMMARY OF FINDINGS**

No relevant health technology assessments, systematic reviews, meta-analyses, or evidence-based guidelines were found regarding the use of chemical restraints in the pre-hospital setting, 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:

Systematic Reviews and Meta-Analyses – Unspecified Setting


Evidence-Based Guidelines – Unspecified Setting


Non-Randomized Studies


