CADTH RAPID RESPONSE REPORT: SUMMARY OF ABSTRACTS

Ceftriaxone Injection via the Deltoid for the Treatment for Gonorrhea: Clinical Effectiveness and Guidelines

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Acknowledgments:

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About CADTH: CADTH is an independent, not-for-profit organization responsible for providing Canada’s health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs, medical devices, diagnostics, and procedures in our health care system.
Research Questions

1. What is the clinical effectiveness for the injection of ceftriaxone sodium (rocephin) in the deltoid?

2. What are the evidence-based guidelines on the injection of ceftriaxone sodium (rocephin) in the deltoid?

Key Findings

No relevant literature was identified regarding the injection of ceftriaxone sodium (rocephin) in the deltoid.

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. Where possible, retrieval was limited to the human population. The search was also limited to English language documents published between January 1, 2007 and October 11, 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 1: Selection Criteria

<table>
<thead>
<tr>
<th>Population</th>
<th>People diagnosed with uncomplicated urethral, endocervical, pharyngeal, or rectal gonorrhea treated in outpatient or inpatient clinics</th>
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<tbody>
<tr>
<td>Intervention</td>
<td>Ceftriaxone sodium (rocephin) for injection, 250mg, reconstituted with 0.9ml of 1% Lidocaine solution injected into the deltoid</td>
</tr>
<tr>
<td>Comparators</td>
<td>Q1: No comparator; Any comparator Q2: No comparator</td>
</tr>
<tr>
<td>Outcomes</td>
<td>Q1: Clinical effectiveness (benefit/harm), safety, increase in uptake of treatment Q2: Guidelines</td>
</tr>
<tr>
<td>Study Designs</td>
<td>Health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, evidence-based guidelines</td>
</tr>
</tbody>
</table>
**Results**

No relevant health technology assessments, systematic reviews, meta-analyses, randomized controlled trials, non-randomized studies, or evidence-based guidelines were identified regarding the injection of ceftriaxone sodium (rocephin) in the deltoid.

References of potential interest are provided in the appendix.

**Overall Summary of Findings**

No relevant literature was identified regarding the injection of ceftriaxone sodium (rocephin) in the deltoid; therefore, no summary can be provided.

**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.

Guidelines and Recommendations

No literature identified.
Appendix — Further Information

Systematic Reviews – Deltoid Administration Not Specified


Guidelines and Recommendations – Deltoid Administration Not Specified


Clinical Practice Guidelines – Methodology Not Specified

Mentions Deltoid


Additional References