GRADE Table 2. Safety of pertussis vaccines in immunocompetent infants and children

**GRADE Table 2 a. Safety of Whole Cell Pertussis Vaccines (wP) in Immunocompetent Infants and Children**

<table>
<thead>
<tr>
<th>Population</th>
<th>Immunocompetent Infants and children</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intervention</td>
<td>Whole Cell Pertussis Vaccines</td>
</tr>
<tr>
<td>Comparison</td>
<td>No vaccine or control</td>
</tr>
<tr>
<td>Outcome</td>
<td>Serious adverse events following Immunization</td>
</tr>
</tbody>
</table>

**In immunocompetent individuals, what is the incidence of serious adverse events following immunization (versus no vaccine or control) with any dose of wP vaccines?**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Adjustment to rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Quality Assessment**

**Factors decreasing confidence**

- Limitation in study design: None serious
- Inconsistency: None serious
- Indirectness: None serious
- Imprecision: None serious
- Publication Bias: None serious

**Factors increasing confidence**

- Large effect: Not applicable
- Dose-response: Not applicable
- Antagonistic bias and confounding: Not applicable

**Final numerical rating of quality of evidence**

4

**Summary of findings**

**Statement on quality of evidence**

Evidence supports a high level of confidence that the true effect lies close to that of the estimate of the effect on the health outcome.

**Conclusion**

Evidence supports a high degree of confidence in the estimate of the effect that incidence of serious adverse events following whole cell pertussis vaccination is low. From the reviewed articles, there is no significant risk of serious adverse events following administration of wP.

GRADE Table 2 b. Safety of Acellular Pertussis Vaccines (aP) in Immunocompetent Infants and Children

**Population** : Immunocompetent Infants and children

**Intervention** : Acellular Pertussis Vaccines

**Comparison** : No vaccine or control

**Outcome** : Serious adverse events following immunization

**In immunocompetent individuals, what is the incidence of serious adverse events following immunization (versus no vaccine or control) with any dose of aP vaccines?**

<table>
<thead>
<tr>
<th>Rating</th>
<th>Adjustment to rating</th>
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<tbody>
<tr>
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</table>

**Quality Assessment**

**Factors decreasing confidence**

- Limitation in study design: None serious
- Inconsistency: None serious

**Summary of findings**

**Statement on quality of evidence**

Evidence supports a high level of confidence that the true effect lies close to that of the estimate of the effect on the health outcome.
## References


