JBI Critical Appraisal Checklist

JBI Critical Appraisal Checklist for Studies Reporting Prevalence Data

Reviewer ______________________               Date ____________________
Author ________________________              Year ___________    Record Number ______

Yes    No    Unclear   Not applicable

1. Was the sample frame appropriate to address the target population? □ □ □ □

2. Were study participants sampled in an appropriate way? □ □ □ □

3. Was the sample size adequate? □ □ □ □

4. Were the study subjects and the setting described in detail? □ □ □ □

5. Was the data analysis conducted with sufficient coverage of the identified sample? □ □ □ □

6. Were valid methods used for the identification of the condition? □ □ □ □

7. Was the condition measured in a standard, reliable way □ □ □ □
for all participants?

8. Was there appropriate statistical analysis?

☐ ☐ ☐ ☐ ☐

9. Was the response rate adequate, and if not, was the low response rate managed appropriately?

☐ ☐ ☐ ☐ ☐

Overall appraisal: Include ☐ Exclude ☐ Seek further info ☐

Comments (Including reason for exclusion)

__________________________________________________________________
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__________________________________________________________________
JBI Critical Appraisal Checklist for Analytical Cross Sectional Studies

Reviewer ______________________               Date ____________________
Author ________________________              Year ___________    Record Number ______

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Unclear</th>
<th>Not applicable</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Were the criteria for inclusion in the sample clearly defined?</td>
<td>☐</td>
<td>☐</td>
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<td>2.</td>
<td>Were the study subjects and the setting described in detail?</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>3.</td>
<td>Was the exposure measured in a valid and reliable way?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>4.</td>
<td>Were objective, standard criteria used for measurement of the condition?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>5.</td>
<td>Were confounding factors identified?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>6.</td>
<td>Were strategies to deal with confounding factors stated?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>7.</td>
<td>Were the outcomes measured in a valid and reliable way?</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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8. Was appropriate statistical analysis used? □ □ □ □ □

Overall appraisal: Include □ Exclude □ Seek further info □

Comments (Including reason for exclusion)

__________________________________________________________________
__________________________________________________________________
__________________________________________________________________
# JBI Critical Appraisal Checklist for Case Control Studies

**Reviewer ______________________               Date ____________________**

**Author ________________________              Year ___________    Record Number ______**

<table>
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<th>Yes</th>
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1. Were the groups comparable other than the presence of disease in cases or the absence of disease in controls?

2. Were cases and controls matched appropriately?

3. Were the same criteria used for identification of cases and controls?

4. Was exposure measured in a standard, valid and reliable way?

5. Was exposure measured in the same way for cases and controls?
6. Were confounding factors identified? □  □  □  □

7. Were strategies to deal with confounding factors stated? □  □  □  □

8. Were outcomes assessed in a standard, valid and reliable way for cases and controls? □  □  □  □

9. Was the exposure period of interest long enough to be meaningful? □  □  □  □

10. Was appropriate statistical analysis used? □  □  □  □

**Overall appraisal:**  Include □  Exclude □  Seek further info □

Comments (Including reason for exclusion)

__________________________________________________________________
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__________________________________________________________________
JBI Critical Appraisal Checklist for Cohort Studies

Reviewer ______________________               Date ____________________
Author ________________________              Year ___________    Record Number ______

<table>
<thead>
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<th>Yes</th>
<th>No</th>
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<th>Not applicable</th>
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1. Were the two groups similar and recruited from the same population? □ □ □ □

2. Were the exposures measured similarly to assign people to both exposed and unexposed groups? □ □ □ □

3. Was the exposure measured in a valid and reliable way? □ □ □ □

4. Were confounding factors identified? □ □ □ □

5. Were strategies to deal with confounding factors stated? □ □ □ □

6. Were the groups/participants free of the outcome at the start of the study (or at the moment of exposure)? □ □ □ □

7. Were the outcomes measured in a valid and reliable way? □ □ □ □
8. Was the follow up time reported and sufficient to be long enough for outcomes to occur? □ □ □ □

9. Was follow up complete, and if not, were the reasons to loss to follow up described and explored? □ □ □ □

10. Were strategies to address incomplete follow up utilized? □ □ □ □

11. Was appropriate statistical analysis used? □ □ □ □

Overall appraisal:  Include □ Exclude □ Seek further info □

Comments (Including reason for exclusion)

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