**openMetaAnalysis: Risk of bias**

(Delete this yellow text box of instructions when done)

* Select the table desired (rx or dx) and delete the table not needed.
* Enter assessment for each cell for the domains (columns). For criteria, use the link in the header of the table.
* Fill cell color red if high risk and pink if unclear.
* Color the “Subjects and summary risk” column. If for a study, any domain (cell) is red, make the summary cell red. If none are red, but at least one is pink, make summary cell pink.
* Add up the number of subjects from studies of low, unclear, and high risk and put the sums in the cell to the right of “Summary). If
  + If > 50% of subjects from studies with high risk of bias, then color summary cell red for ‘very serious risk of bias’.
  + Else, if > 25% of subjects from studies with high risk of bias, color summary cell pink for ‘Serious risk of bias’.

**Studies of interventions**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table.** Risk of bias for included studies. Criteria for determinations are from the Cochrane Handbook, Table 8.5.d. Available at <http://handbook-5-1.cochrane.org/chapter_8/table_8_5_d_criteria_for_judging_risk_of_bias_in_the_risk_of.htm> . | | | | | | | | |
| **Study** | **Subjects and summary risk\*** | **Selection bias** | | **Performance bias** | **Detection bias** | **Attrition bias** | **Reporting bias** | **Other biases** |
| **Random sequence generation** | **Allocation concealment** | **Blinding of participants and personnel** | **Blinding of outcome assessment** | **Incomplete outcome data** | **Selective reporting** | **E.g. imbalanced compliance, co-interventions, or other.** |
| **Summary** | Total: 1125 Low risk 0% Unclear risk: 0% High risk: 100% |  |  |  |  |  |  |  |
| Perruzi, 1993 PMID [8472567](http://pubmed.gov/8472567) | 100 | Low risk | Low risk | Low risk | Unclear risk | Unclear risk | High risk† | Unclear risk |
| Thorpe 2000 PMID [10594430](http://pubmed.gov/10594430) | 100 | Low risk | Low risk | Low risk | Low risk | Unclear risk | High risk† | Unclear risk |
| MacIsaac, 2003 PMID [14719427](http://pubmed.gov/14719427) | 160 | Low risk | Unclear risk | High risk (non-blinded) | High risk  (non-blinded) | Unclear risk | High risk† | Unclear risk |
| Harber, 2006 PMID [16913337](http://pubmed.gov/16913337) | 49 | Low risk | Unclear risk | Low risk (non-blinded) | Low risk | Unclear risk | High risk† | Unclear risk |
| Mukhopadhyay, 2010 PMID [20105285](http://pubmed.gov/20105285) | 250 | High risk (non-randomized) | High risk | High risk (non-blinded) | Unclear risk | Unclear risk | High risk† | Unclear risk |
| Rezende, 2010 PMID [25303693](http://pubmed.gov/25303693) | 127 | Unclear risk | Unclear risk | Low risk (blinded) | Unclear risk | Unclear risk | High risk† | Unclear risk |
| Riessen, 2015 PMID [24635773](http://pubmed.gov/24635773) | 91 | High risk  (non-randomized) | High risk | Unclear risk | Unclear risk | Unclear risk | High risk† | Low risk |
| Dolman, 2015 PMID [26164619](http://pubmed.gov/26164619) | 248 | High risk  (non-randomized) | High risk | High risk | Unclear risk | Unclear risk | High risk† | Low risk |
|  |  | **Random sequence generation** | **Allocation concealment** | **Blinding of participants and personnel** | **Blinding of outcome assessment** | **Incomplete outcome data** | **Selective reporting** | **E.g. imbalanced compliance, co-interventions, or other.** |
| **Selection bias** | | **Performance bias** | **Detection bias** | **Attrition bias** | **Reporting bias** | **Other biases** |
| **Notes:**  \* Summary determination based on Cochrane Handbook, Table 8.7. Available at <http://handbook-5-1.cochrane.org/chapter_8/table_8_5_d_criteria_for_judging_risk_of_bias_in_the_risk_of.htm>  † Trial was not prospectively registered. | | | | | | | | |

**Studies of interventions**

Based on [QUADAS-2](http://www.bristol.ac.uk/social-community-medicine/projects/quadas/quadas-2/).

| **Study** | **PMID** | **Patient selection** | **Index test** | **Reference standard** | **Flow and timing** |
| --- | --- | --- | --- | --- | --- |
| Marik | [25572383](http://pubmed.gov/25572383) | ? risk | ? risk | ? risk | ? risk |
| Duus | [25262530](http://pubmed.gov/25262530) | ? risk | ? risk | ? risk | ? risk |
| Tong | [25907844](http://pubmed.gov/25907844) | ? risk | ? risk | ? risk | ? risk |
| Benomar | [20665001](http://pubmed.gov/20665001) | ? risk | ? risk | ? risk | ? risk |
| Monnet | [16540963](http://pubmed.gov/16540963) | ? risk | ? risk | ? risk | ? risk |
| Monnet | [19237902](http://pubmed.gov/19237902) | ? risk | ? risk | ? risk | ? risk |
| Preau | [20016380](http://pubmed.gov/20016380) | ? risk | ? risk | ? risk | ? risk |
| Monge Garica | [22449292](http://pubmed.gov/22449292) | ? risk | ? risk | ? risk | ? risk |
| Kupersztych-Hagege | [23985531](http://pubmed.gov/23985531) | ? risk | ? risk | ? risk | ? risk |
| Lanspa | [23084132](http://pubmed.gov/23084132) | ? risk | ? risk | ? risk | ? risk |
| Michard | [11534577](http://pubmed.gov/11534577) | ? risk | ? risk | ? risk | ? risk |

**Footnotes:** \* †