openMetaAnalysis: Risk of bias

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: 2590 Low risk: 2095 (84%) Unclear risk: 405 (16%)							
Daum, 2017 PMID: 28657870 NCT00730028	786	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk
Talan, 2016 PMID: 26962903 NCT00729937	1265	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk
Chen. 2011 Pediatrics	200	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk

PMID 21339275 NCT00352612								
Schmitz, 2010 PMID: 20346539 NCT00822692 NCT00973765	212	Unclear Risk ‖	Unclear Risk ‖	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk
Duong, 2009 PMID: 19409657 NCT00679302	161	Low Risk	Unclear Risk ‖	Low Risk	Low Risk	Low Risk	Low Risk	Unclear Risk¶
Rajendran, 2007 PMID: 17846141 NCT00187759	166	Low Risk	Low Risk	Low Risk	Low Risk	Low Risk	Unclear Risk	Unclear Risk

Notes:

* Assessment of individual studies based on 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 .

† Summary determination across studies based on Cochrane Handbook, Table 8.7. Available at http://handbook-5-1.cochrane.org/chapter_8/table_8_7_a_possible_approach_for_summary_assessments_of_the.htm .

‡ Lack of a Consort diagram, by itself, is considered to be unclear risk for incomplete outcome and attrition bias.

§ Lack of trial registration, by itself, is considered to be unclear risk for selective reporting.

‖ Method of randomization not clearly described.

¶ Unclear reasons for gap in patient enrollment and two registrations at ClinicalTrials.gov.