



PRISMA 2009 Checklist

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	The report is identified as a systematic review and meta-analysis.	1
ABSTRACT			
Structured summary	2	The structured summary includes background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions.	3-4
INTRODUCTION			
Rationale	3	Describe in the introduction.	4
Objectives	4	Stated in the introduction	5
METHODS			
Protocol and registration	5	The protocol is described in the Materials and Methods. Registration does not apply.	6
Eligibility criteria	6	The eligibility criteria is described in Materials and Methods.	6
Information sources	7	The information sources is described in Materials and Methods.	6
Search	8	Present full electronic search strategy in Materials and Methods.	6
Study selection	9	The process for selecting studies is described in Materials and Methods.	6
Data collection process	10	The data collection process is described in Materials and Methods and figure1.	6-7
Data items	11	Data items is described in Materials and Methods. .	6-7
Risk of bias in individual studies	12	The methods used for assessing risk of bias of individual studies are described in Materials and Methods. .	7
Summary measures	13	The principal summary measures are described in Materials and Methods.	7
Synthesis of results	14	The methods of handling data and combining results of studies are described in Materials and Methods.	7



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Risk of bias across studies	15	The assessment of risk of bias is described in Materials and Methods.	7
Additional analyses	16	The methods of additional analyses is described in Materials and Methods.	8
RESULTS			
Study selection	17	Study selection is described in Results.	8-9
Study characteristics	18	For each study, present characteristics is described in Results.	9
Risk of bias within studies	19	Present data on risk of bias of each study is described in Results.	9
Results of individual studies	20	Results of individual studies is described in Results.	9
Synthesis of results	21	Present results of each meta-analysis are described in Results.	9
Risk of bias across studies	22	The assessment of risk of bias is described in Results.	10
Additional analysis	23	The subgroup analyses is described in Results.	10
DISCUSSION			
Summary of evidence	24	Summary is described in Discussion.	10
Limitations	25	Discuss limitations is described in Discussion.	10
Conclusions	26	A general interpretation of the results and implications for future research are described in Discussion.	11
FUNDING			
Funding	27	The sources of funding for the systematic review were described in Support	1

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