



PRISMA 2009 Checklist

Section/topic	#	Checklist item	Reported on page #
TITLE			
Title	1	The report is identified as a systematic review	1
ABSTRACT			
Structured summary	2	We Provided a structured summary including, background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings	1, 2, 3
INTRODUCTION			
Rationale	3	Described in the Introduction	3, 4, 5
Objectives	4	Stated in the Introduction.	3, 4, 5
METHODS			
Protocol and registration	5	The protocol does not apply	6, 7
Eligibility criteria	6	Eligibility criteria have been described in the methods	6,7
Information sources	7	All sources of information included in the retrieval and the date of the last retrieval are described in Methods	6, 7
Search	8	The complete search strategy is described in the methods	6, 7
Study selection	9	The inclusion conditions for screening and inclusion in the systematic review are described in methods	6, 7
Data collection process	10	The method of data extraction has been described in Methods	6, 7
Data items	11	PICOS does not apply	
Risk of bias in individual studies	12	This does not apply	
Summary measures	13	This does not apply	
Synthesis of results	14	The methods for processing the data and merging the findings of the study have been described in Methods	6, 7



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Risk of bias across studies	15	This does not apply	
Additional analyses	16	This does not apply	
RESULTS			
Study selection	17	The number of studies screened, assessed and included in the review, the reasons for exclusion at each stage, and the flow chart are described in the results.	7
Study characteristics	18	The data characteristics of the study have been described in the results	7, 8, 9, 10, 11
Risk of bias within studies	19	This does not apply	
Results of individual studies	20	This does not apply	
Synthesis of results	21	The results of the analysis have been described in Results	7, 8, 9, 10, 11
Risk of bias across studies	22	This does not apply	
Additional analysis	23	This does not apply	
DISCUSSION			
Summary of evidence	24	The primary outcome, including the strength of evidence for each primary outcome; The relevance to patients and investigators has been described in the discussion.	12-24
Limitations	25	Study and outcome level limitations have been described in the discussion	24
Conclusions	26	A general interpretation of the results, and implications for future research have been described in the discussion.	24, 25
FUNDING			
Funding	27	This does not apply	

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