



## PRISMA 2020 Checklist

Section/topic	Item No	Checklist item	Reported on Page Number/Line Number	Reported on Section/Paragraph
<b>TITLE</b>				
Title	1	Identify the report as a systematic review.	Page 1, Line 6	Title
<b>ABSTRACT</b>				
Abstract	2	See the PRISMA 2020 for Abstracts checklist (Table 2).	Page 2, Line 73-102	Abstract, paragraph 1-4
<b>INTRODUCTION</b>				
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Page 4, Line 102-105	Introduction, Paragraph 3
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Page 4 Line 105-108	Introduction, Paragraph 3
<b>METHODS</b>				
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Page 4, Line 126 Page 5, Line 134	Methods, Paragraph 3 Methods, Paragraph 4
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Page 4, Line 118	Methods, Paragraph 2
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Page 4, Line 121	Methods, Paragraph 2
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Page 5, Line 147	Methods, Paragraph 6
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Page 5, Line 155	Methods, Paragraph 7
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Page 6, Line 181	Methods, Paragraph 9
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Page 5, Line 160	Methods, Paragraph 7

Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Page 6, Line 167	Methods, Paragraph 5
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Page 6 Line 178	Methods, Paragraph 9
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis.	Page 6 Line 176	Methods, Paragraph 9
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	Page 5 Line 160	Methods, Paragraph 7
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Page 17 Line 541	Figure 1
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Page 6 Line 176	Methods, Paragraph 9
	13e	Describe any methods used to explore possible causes of heterogeneity among study results.	Page 6 Line 185	Methods, Paragraph 10
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Page 6 Line 192	Methods, Paragraph 11
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	Page 6 Line 181	Methods, Paragraph 9
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	Page 6 Line 170	Methods, Paragraph 8
<b>RESULTS</b>				
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	Page 17 Line 541	Figure 1
	16b	Cite studies that met many but not all inclusion criteria ('near-misses') and explain why they were excluded.	Page 7 Line 201	Results, Paragraph 1
Study characteristics	17	Cite each included study and present its characteristics.	Page 22 Line 592	Table 1
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	Page 7 Line 207	Results, Paragraph 2
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	Page 7 Line 204	Results, Paragraph 1

Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Page 6 Line 183	Methods, Paragraph 9
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	Page 6 Line 178	Methods, Paragraph 9
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Page 6 Line 186	Methods, Paragraph 10
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	Page 6 Line 193	Results, Paragraph 11
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Page 10 Line 315	Results, Paragraph 12
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Page 10 Line 317	Results, Paragraph 12
<b>DISCUSSION</b>				
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Page 10 Line 326-338	Discussion, Paragraph 1
	23b	Discuss any limitations of the evidence included in the review.	Page 12 Line 371-377	Discussion, Paragraph 3
	23c	Discuss any limitations of the review processes used.	Page 12 Line 371-377	Discussion, Paragraph 3
	23d	Discuss implications of the results for practice, policy, and future research.	Page 11 Line 337	Discussion, Paragraph 1
<b>OTHER INFORMATION</b>				
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	Page 4 Line 115	Methods, Paragraph 1
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	Page 4 Line 115	Methods, Paragraph 1
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	No	No
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	Page 12 Line 390	Acknowledgments, Paragraph 1
Competing interests	26	Declare any competing interests of review authors.	Page 12 Line 399	Acknowledgments, Paragraph 2
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	N/A	We don't have these.

**Table 2 PRISMA 2020 for Abstracts checklist**

Section/topic	Item No	Checklist item	Reported on Page Number/Line Number	Reported on Section/Paragraph
<b>TITLE</b>				
Title	1	Identify the report as a systematic review.	Page 2, Line 36	Background
<b>BACKGROUND</b>				
Objectives	2	Provide an explicit statement of the main objective(s) or question(s) the review addresses.	Page 2 Line 35-38	Background
<b>METHODS</b>				
Eligibility criteria	3	Specify the inclusion and exclusion criteria for the review.	N/A	We don't have these.
Information sources	4	Specify the information sources (e.g. databases, registers) used to identify studies and the date when each was last searched.	N/A	We don't have these.
Risk of bias	5	Specify the methods used to assess risk of bias in the included studies.	N/A	We don't have these.
Synthesis of results	6	Specify the methods used to present and synthesize results.	Page 2 Line 46-48	Methods
<b>RESULTS</b>				
Included studies	7	Give the total number of included studies and participants and summarise relevant characteristics of studies.	Page 2 Line 49	Results
Synthesis of results	8	Present results for main outcomes, preferably indicating the number of included studies and participants for each. If meta-analysis was done, report the summary estimate and confidence/credible interval. If comparing groups, indicate the direction of the effect (i.e. which group is favoured).	Page 2 Line 51-60	Results
<b>DISCUSSION</b>				
Limitations of evidence	9	Provide a brief summary of the limitations of the evidence included in the review (e.g. study risk of bias, inconsistency and imprecision).	N/A	We don't have these.
Interpretation	10	Provide a general interpretation of the results and important implications.	Page 2 Line 61	Discussion
<b>OTHER</b>				
Funding	11	Specify the primary source of funding for the review.	N/A	We don't have these.
Registration	12	Provide the register name and registration number.	N/A	We don't have these.

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\*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copy editing and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.