| Section/topic | Item No | Checklist item                                                                 | Reported on Page Number/Line Number | Reported on Section/Paragraph |
|--------------|---------|---------------------------------------------------------------------------------|-------------------------------------|------------------------------|
| TITLE        | 1       | Identify the report as a systematic review, meta-analysis, or both.              | Page1/Line 33                       |                              |
| ABSTRACT     | 2       | Provide a structured summary including, as applicable: background; objectives; data sources; study eligibility criteria, participants, and interventions; study appraisal and synthesis methods; results; limitations; conclusions and implications of key findings; systematic review registration number. | Page2-3/Line 61-81                | Abstract                     |
| INTRODUCTION | 3       | Describe the rationale for the review in the context of what is already known.   | Page3-4/Line 84-111                 | Introduction/Paragraph1-2    |
|              | 4       | Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS). | Page4/Line 110-114                 | Introduction/Paragraph3      |
| METHODS      | 5       | Indicate if a review protocol exists, if and where it can be accessed (e.g., Web address), and, if available, provide registration information including registration number. | No protocol available              |                              |
|              | 6       | Specify study characteristics (e.g., PICOS, length of follow-up) and report characteristics (e.g., years considered, language, publication status) used as criteria for eligibility, giving rationale. | Page5/Line 125-132                 | Material and Methods/Paragraph 2 |
|              | 7       | Describe all information sources (e.g., databases with dates of coverage, contact with study authors to identify additional studies) in the search and date last searched. | Page4-5/Line 117-123               | Material and Methods/Paragraph 1 |
|              | 8       | Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated. | Page4-5/Line 117-123               | Material and Methods/Paragraph 1 |
|              | 9       | State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis). | Page5/Line 133-137                 | Material and Methods/Paragraph 3 |
|              | 10      | Describe method of data extraction from reports (e.g., piloted forms, independently, in duplicate) and any processes for obtaining and confirming data from investigators. | Page5/Line 133-137                 | Material and Methods/Paragraph 3 |
|              | 11      | List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made. | Page 5/line 138-142                | Material and Methods/Paragraph 4 |
| Section                                             | Item | Description                                                                                                                                                                                                 | Page/Line | Location                  |
|-----------------------------------------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------|
| Risk of bias in individual studies                  | 12   | Describe methods used for assessing risk of bias of individual studies (including specification of whether this was done at the study or outcome level), and how this information is to be used in any data synthesis.               | 144-156   | Material and Methods/Paragraph 5 |
| Summary measures                                    | 13   | State the principal summary measures (e.g., risk ratio, difference in means).                                                                                                                                 | No meta-analysis has been performed due to the kind of study conducted. |
| Synthesis of results                                | 14   | Describe the methods of handling data and combining results of studies, if done, including measures of consistency (e.g., I²) for each meta-analysis.                                                        | No meta-analysis has been performed due to the kind of study conducted. |
| Risk of bias across studies                         | 15   | Specify any assessment of risk of bias that may affect the cumulative evidence (e.g., publication bias, selective reporting within studies).                                                                 | Page6/Line 144-156 | Material and Methods/Paragraph 5 |
| Additional analyses                                 | 16   | Describe methods of additional analyses (e.g., sensitivity or subgroup analyses, meta-regression), if done, indicating which were pre-specified.                                                                          | Not applicable: no meta-analysis has been performed. |
| **RESULTS**                                         |      |                                                                                                                                                                                                             |           |                           |
| Study selection                                     | 17   | Give numbers of studies screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally with a flow diagram.                                                  | Page6/Line 161-165 | Results/Paragraph 1       |
| Study characteristics                               | 18   | For each study, present characteristics for which data were extracted (e.g., study size, PICOS, follow-up period) and provide the citations.                                                                          | Page6-10/Line 182-248 | Results/Paragraph 3-14   |
| Risk of bias within studies                         | 19   | Present data on risk of bias of each study and, if available, any outcome level assessment (see item 12).                                                                                                      | Page7/Line 167-180 | Results/Paragraph 3       |
| Results of individual studies                       | 20   | For all outcomes considered (benefits or harms), present, for each study: (a) simple summary data for each intervention group (b) effect estimates and confidence intervals, ideally with a forest plot. | Page6-10/Line 182-248 | Results/Paragraph 3-14   |
| Synthesis of results                                | 21   | Present results of each meta-analysis done, including confidence intervals and measures of consistency.                                                                                                          | No meta-analysis has been performed due to the kind of study conducted. |
| Risk of bias across studies                         | 22   | Present results of any assessment of risk of bias across studies (see item 15).                                                                                                                             | Page7/Line 167-180 | Results/Paragraph 3       |
| Additional analysis                                 | 23   | Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]).                                                                                          | No meta-analysis has been performed. |
| **DISCUSSION**                                      |      |                                                                                                                                                                                                             |           |                           |
| Summary of evidence                                 | 24   | Summarize the main findings including the strength of evidence for each main outcome; consider their relevance to key groups (e.g., healthcare providers, users, and policy makers).                               | Page10-12/Line 250-322 | Discussion/Paragraph 1-10 |
| Limitations                                         | 25   | Discuss limitations at study and outcome level (e.g., risk of bias), and at review-level (e.g., incomplete retrieval of identified research, reporting bias).                                                     | Page10-11/Line 255-286 | Discussion/Paragraph 2-6  |
| Conclusions                                         | 26   | Provide a general interpretation of the results in the context of other evidence, and implications for future research.                                                                                          | Page 13/Line 323-329 | Conclusion/Paragraph 1    |
| Funding | 27 |
| --- | --- |
| Describe sources of funding for the systematic review and other support (e.g., supply of data); role of funders for the systematic review. | Page 16/Line 409-412 |

**From:** Moher D, Liberati A, Tetzlaff J, Altman DG, The PRISMA Group (2009). Preferred Reporting Items for Systematic Reviews and Meta-Analyses: The PRISMA Statement. PLoS Med 6(7): e1000097. doi:10.1371/journal.pmed1000097
For more information, visit: [www.prisma-statement.org](http://www.prisma-statement.org).

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