| Section/topic | Item No | Checklist item                                                                                                                                                                                                                                                                                                                                 | Reported on Page Number/Line Number | Reported on Section/Paragraph |
|---------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|
| **TITLE**     |         |                                                                                                                                                                                                                                                                                                                                                 |                                     |                              |
| Title         | 1       | Identify the report as a systematic review, meta-analysis, or both.                                                                                                                                                                                                                   | Page 1, lines 1-2                   | Title                       |
| **ABSTRACT**  |         |                                                                                                                                                                                                                                                                                                                                                 |                                     |                              |
| Structured summary | 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.                                      | Page 3                              | Abstract                     |
| **INTRODUCTION** |         |                                                                                                                                                                                                                                                                                                                                                 |                                     |                              |
| Rationale     | 3       | Describe the rationale for the review in the context of what is already known.                                                                                                                                                                                                     | Page 5, lines 94-100                | Introduction                 |
| Objectives    | 4       | Provide an explicit statement of questions being addressed with reference to participants, interventions, comparisons, outcomes, and study design (PICOS).                                                                                                                                 | Page 5, lines 100-103               | Introduction                 |
| **METHODS**   |         |                                                                                                                                                                                                                                                                                                                                                 |                                     |                              |
| Protocol and registration | 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.                                                                                                                | Not applicable                      | This systematic review has not been registered. |
| Eligibility criteria | 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.                                                                 | Page 7                              | Study selection criteria     |
| Information sources | 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.                                                                                                                | Page 6                              | Search strategy             |
| Search        | 8       | Present full electronic search strategy for at least one database, including any limits used, such that it could be repeated.                                                                                                                                                     | Page 6                              | Search strategy             |
| Study selection | 9       | State the process for selecting studies (i.e., screening, eligibility, included in systematic review, and, if applicable, included in the meta-analysis).                                                                                                                                       | Page 6-7                            | Search strategy, study selection criteria |
| Data collection process | 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.                                                                                                                                                                           | Page 6, lines 120-125               | Materials and Methods       |
| Data items    | 11      | List and define all variables for which data were sought (e.g., PICOS, funding sources) and any assumptions and simplifications made.                                                                                                                                              | Page 7, lines 129-132               | Materials and Methods       |
| Section | Item | Description | Page/Line(s) | Result |
|---------|------|-------------|--------------|--------|
| **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. | Not applicable | Risk of bias for each outcome reported has been assessed. |
| **Summary measures** | 13 | State the principal summary measures (e.g., risk ratio, difference in means). | Not applicable | Statistical analysis not performed. |
| **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. | Not applicable | This is not applicable as this study is a systematic review. |
| **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). | Not applicable | No risk of bias has been identified or assessed in this analysis. |
| **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 | This analysis has not been performed. |

**RESULTS**

| Section | Item | Description | Page/Line(s) | Result |
|---------|------|-------------|--------------|--------|
| **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. | Page 8, lines 139-145 | Results |
| **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. | In Table 1, the following variables are reported for each study. | Table 1 |
| **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). | Not applicable | Risk of bias for each outcome reported has been assessed. |
| **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. | In Table 1, the following variables are reported for each study. | Table 1, results section |
| **Synthesis of results** | 21 | Present results of each meta-analysis done, including confidence intervals and measures of consistency. | Not applicable | This is not a meta-analysis. |
| **Risk of bias across studies** | 22 | Present results of any assessment of risk of bias across studies (see Item 15). | Not applicable | No risk of bias has been identified or assessed in this analysis. |
| **Additional analysis** | 23 | Give results of additional analyses, if done (e.g., sensitivity or subgroup analyses, meta-regression [see Item 16]). | Not applicable | This has not been performed. |

**DISCUSSION**

| Section | Item | Description | Page/Line(s) | Result |
|---------|------|-------------|--------------|--------|
| **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). | Page 12, lines 235-239 | Discussion |
| **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). | Page 13, lines 245-252; Page 15, lines 284-286; | Discussion |
| **Conclusions** | 26 | Provide a general interpretation of the results in the context of other evidence, and implications for future research. | Page 18, lines 352-365 | Discussion |
## FUNDING

| 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 19, line 380 | Footnote |
|---------|----|----------------------------------------------------------------------------------------------------------------------------------|------------------|----------|

*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).*