**🧾 Checklist of Questions for the Methods Section**

**1. Protocol and Registration**

* **Did you register a protocol for your systematic review?** If so, provide the registration number (e.g., PROSPERO ID).
* **Were there any deviations from the protocol?** If yes, describe and justify them.

**2. Eligibility Criteria**

* **What were your inclusion and exclusion criteria?** Define based on:
  + **Population**
  + **Intervention(s)**
  + **Comparator(s)**
  + **Outcome(s)**
  + **Study design(s)**
* **Did you include studies irrespective of publication status or language?**[BMJ+2YouTube+2Wiley Online Library+2](https://www.youtube.com/watch?v=gdbIFo7FCVE&utm_source=chatgpt.com)

**3. Information Sources and Search Strategy**

* **Which databases did you search?** List all (e.g., MEDLINE, EMBASE).
* **What was the date range of your search?**
* **Did you search any trial registries or grey literature sources?** If so, specify.
* **Did you provide the full search strategy for at least one database?**

**4. Study Selection**

* **How did you select studies for inclusion?** Describe the process.
* **How many reviewers were involved in the selection process?**
* **How did you resolve disagreements between reviewers?**

**5. Data Collection Process**

* **How did you extract data from included studies?** Describe the process.
* **How many reviewers were involved in data extraction?**
* **How did you resolve discrepancies in data extraction?**
* **Did you use any tools or software for data extraction?**

**6. Data Items**

* **What data items did you extract?** List all variables (e.g., study characteristics, outcomes).
* **Did you make any assumptions or simplifications during data extraction?** If so, describe.[EQUATOR Network](https://www.equator-network.org/wp-content/uploads/2018/09/PRISMA-ScR-Fillable-Checklist.pdf?utm_source=chatgpt.com)

**7. Risk of Bias Assessment**

* **Which tool did you use to assess the risk of bias in individual studies?** (e.g., RoB 2, ROBINS-I)
* **How many reviewers assessed the risk of bias?**
* **How did you resolve disagreements in risk of bias assessment?**
* **Did you consider the risk of bias when interpreting the results?**

**8. Effect Measures**

* **What effect measures did you use for each outcome?** (e.g., risk ratio, mean difference)

**9. Synthesis Methods**

* **How did you decide which studies were eligible for each synthesis?**
* **What methods did you use to prepare data for synthesis?** (e.g., handling missing data)
* **What methods did you use to tabulate or visually display results?**
* **What methods did you use to synthesize results?** (e.g., meta-analysis)
* **How did you assess heterogeneity among study results?** (e.g., I² statistic)
* **Did you conduct any sensitivity analyses?** If so, describe.

**10. Reporting Bias Assessment**

* **Did you assess the risk of bias due to missing results (reporting bias)?** If so, describe the methods used.

**11. Certainty Assessment**

* **Did you assess the certainty or confidence in the body of evidence?** If so, describe the methods used (e.g., GRADE).

**12. Additional Analyses**

* **Did you perform any subgroup analyses, meta-regression, or other additional analyses?** If so, describe.

**13. Funding and Conflicts of Interest**

* **What sources of funding did you receive for this review?**
* **Did the funders have any role in the review process?**
* **Do you have any conflicts of interest to declare?**

**THIS IS THE CITATION OF PRISMA FLOW CHART MAKER USED**

Haddaway, N. R., Page, M. J., Pritchard, C. C., & McGuinness, L. A. (2022). PRISMA2020: An R package and Shiny app for producing PRISMA 2020-compliant flow diagrams, with interactivity for optimised digital transparency and Open Synthesis Campbell Systematic Reviews, 18, e1230. <https://doi.org/10.1002/cl2.1230>

**THIS IS THE CITATION OF ROB 2 TOOL WHICH I USED**

Sterne JAC, Savović J, Page MJ, Elbers RG, Blencowe NS, Boutron I, Cates CJ, Cheng H-Y, Corbett MS, Eldridge SM, Hernán MA, Hopewell S, Hróbjartsson A, Junqueira DR, Jüni P,  Kirkham JJ, Lasserson T, Li T, McAleenan A, Reeves BC, Shepperd S, Shrier I, Stewart LA, Tilling K, White IR, Whiting PF, Higgins JPT. RoB 2: a revised tool for assessing risk of bias in randomised trials. *BMJ* 2019; **366**: l4898.

**THIS IS THE CITATION FOR TOOLS WHICH I USED AMSTAR 2**

To cite this tool: Shea BJ, Reeves BC, Wells G, Thuku M, Hamel C, Moran J, Moher D, Tugwell P, Welch V, Kristjansson E, Henry DA. AMSTAR 2: a critical appraisal tool for systematic reviews that include randomised or non-randomised studies of healthcare interventions, or both. BMJ. 2017 Sep 21;358:j4008.

ASSUME YOU AR AN EXPERT RESEARCHER AND ARTICLE DRAFTER THESE ARE ALL THE NEEDED QUESTIONS AND THE ANSWER YOU NEED TO MAKE MY METHODS SECTION. WRITE ME METHODS SECTION FOR MY SYSTEMATIC REVIEW BASED ON ALL THE ABOVE ANSWERS.