

Systematic Review Question

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1 Systematic Review without meta-analysis

Problem 1: Guideline

I have found a guideline in a paper [Campbell et al. \(2020\)](#), is this the guideline that I should follow if I want to write my literature review?

2 Protocol

Problem 2: Protocol

If I want to use systematic review in dissertation, do I need to write the protocol first and make it as an appendix?

Problem 3: Format

What should the format of protocol be like if I want to write a SR without meta-analysis, is it similar to the template that has been given in summer vacation, but delete the meta-analysis part or I just simply write it as the one I have searched online [CRD42023399625](#)? [Mellado-García et al. \(2024\)](#)

3 Risk of Bias

Problem 4: Risk of bias in microeconomics field

I read the risk of bias tables in the example given in ppt but I found that these maybe not applied to microeconomics field, can I change the risk of bias criteria to make it suitable for my topic? I try to find the risk of bias assessment in a paper that using SR without meta-analysis, it seems that it does not use the terms in ppt to write the risk of bias part as shown in the figure: 1.

4 PICOS

Problem 5: Intervention and Comparison

It seems that it is hard to find two interventions in just one paper in microeconomics field, can I combine multiple papers together to compare different economic models?

Table 2. Summary of results according to the SWiM guidelines.

Article	Benefits	Risks
Cluett et al. (2018) [5]	1. Decrease in the use of analgesia during the first stage of labor (dilating period). 2. Shorter duration of the first stage of labor. 3. Better level of maternal satisfaction in the expulsive period in water.	1. Isolated cases of sepsis (a severe infection) have been reported in the newborn, and also maternal cases due to <i>Pseudomonas aeruginosa</i> , difficulty in thermoregulation, hypovolemic shock, hyponatremia, respiratory difficulty and hypoxic-ischemic encephalopathy, resulting in some lethal cases. Given the limitations of many studies, it is difficult to establish the incidence of complications.
Reviriego-Rodrigo et al. (2023) [23]	1. Pain relief. 2. Feeling of control. 3. Feeling of relaxation. 4. Improved mobility. 5. Improved satisfaction.	1. Concerns about the baby's safety. 2. Concerns about water hygiene. 3. Concerns about the ability of professionals to detect and manage complications.
Ibanoglu et al. (2022) [24]	1. Decreased pain. 2. Reduction in the need for epidural analgesia.	No significant risks were reported.
Camargo et al. (2018) [25]	No significant benefits were reported.	No significant risks were reported.
Ulfssdottir et al. (2019) [26]	1. Pain relief. 2. Feeling of control. 3. Feeling of relaxation. 4. Improved mobility. 5. Improved satisfaction.	No significant risks were reported.
Barry et al. (2020) [27]	1. Less need for epidural analgesia. 2. Greater maternal satisfaction.	No significant risks were reported.
Czech et al. (2018) [20]	No significant benefits were reported.	No significant risks were reported.
Neiman et al. (2020) [21]	1. Less need for epidural analgesia. 2. Shorter duration of labor. 3. Lower episiotomy rate.	No significant risks were reported.
Uzunlar et al. (2021) [28]	No significant benefits were reported.	No significant risks were reported.
Dado et al. (2022) [29]	1. Pain relief. 2. Feeling of control. 3. Feeling of relaxation. 4. Improved mobility. 5. Improved satisfaction.	No significant risks were reported.
Carlsson et al. (2020) [30]	1. Pain reduction. 2. Greater maternal satisfaction.	1. Concerns about the baby's safety. 2. Concerns about water hygiene. 3. Concerns about the ability of professionals to detect and manage complications.

Figure 1: risk of bias**Problem 6: Outcomes**

If I find all the outcomes are words and sentences rather than numerical result, then how to judge whether it is primary outcomes, secondary outcomes ...?

5 PRISMA**Problem 7: PRISMA flowchart**

Should I use the official PRISMA flowchart 2020 or I need to adjust it with my own logic in writing SR?

6 Extracting data**Problem 8: qualitative data**

Is the qualitative data the same as the things that I need to extract for PICOS?

References

- Campbell, M., McKenzie, J. E., Sowden, A., Katikireddi, S. V., Brennan, S. E., Ellis, S., Hartmann-Boyce, J., Ryan, R., Shepperd, S., Thomas, J., Welch, V., and Thomson, H. (2020). Synthesis without meta-analysis (swim) in systematic reviews: reporting guideline. *BMJ*, 368:l6890.
- Mellado-García, E., Díaz-Rodríguez, L., Cortés-Martín, J., Sánchez-García, J. C., Piqueras-Sola, B., Higuero Macías, J. C., and Rodríguez-Blanke, R. (2024). Systematic reviews and synthesis without meta-analysis on hydrotherapy for pain control in labor. *Healthcare (Basel)*, 12(3). 2227-9032 Mellado-García, Elena Díaz-Rodríguez, Lourdes Orcid: 0000-0001-7906-5656 Cortés-Martín, Jonathan Orcid: 0000-0002-4019-8555 Sánchez-García, Juan Carlos Orcid: 0000-0002-4650-2159 Piqueras-Sola, Beatriz Higuero Macías, Juan Carlos Rodríguez-Blanke, Raquel Orcid: 0000-0003-2086-1222 Journal Article Review Switzerland 2024/02/10 Healthcare (Basel). 2024 Feb 1;12(3):373. doi: 10.3390/healthcare12030373.