English Manuscript Template for Systematic Review/Meta-analysis

Manuscript Title .... : Systematic Review (and Meta-Analysis)[1]

(Times New Roman 12 pt, bold)

Please list all authors here and include abbreviated qualifications

Firstname Lastname[2]

Firstname Lastname[3]

Firstname Lastname[4]

Manuscript Title

Prepare one graphical abstract that summarizes the study;
the example can be seen in the current issue of our journal

Graphical abstract: Prefer resolution at least 1024x1024 pixel (300 dpi)
Color can be changed as appropriate

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Journal of Thailand Nursing and Midwifery Council ⟩⟩⟩ **Add Author Name here ....**

Extended Abstract **(Times New Roman 12 pt, bold)**

At least 800 words. Contents should concisely describe the background introduction, objectives, design, methodology, results, and conclusion and recommendation.

It is suggested that the full-expanded form should be provided before providing the abbreviations, acronyms, or other shortened forms at first use.

Introduction

Objective(s)

Design (e.g. systematic review (and meta-analysis- if apply); must provide the register name and registration number

Methodology including eligible criteria (inclusion and exclusion criteria for the review); information sources (e.g. databases used to identify studies and the date when each was last searched; the methods used to assess risk of bias in the included studies; the methods used to present and synthesize the results

Results provide the total number of included studies and participants and summarize relevant characteristics of included studies; presenting results for main outcomes, preferably indicating the number of included studies and participants for each. If meta-analysis was performed, report the summary estimate and confidence interval. If comparing groups, indicate the direction of the effect (e.g. which group is favored)

Recommendation provide a summary of the limitations of the evidence included in the review (e.g. study risk of bias, inconsistency and imprecision); provide a general interpretation of the results and important implications in policy/practice/education and future research

Keywords keyword 1/ keyword 2/ keyword 3/ keyword 4/ keyword 5

(List 5 words that capture the essence of your paper making it searchable. The keywords are written separately by slash (/), and no punctuation is used after the last keyword. Keywords must represent the content of the manuscript and be specific to the field or sub-field of the study. MeSH Tools for finding keywords is helpful and suggested.

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[2]Author affiliations [list all author affiliations in the form of institution, city, state, country]
[3]Corresponding author, affiliations, email: .....
(The list of numbers here is changeable as appropriate)

Background and Significance

This first section should describe the rationale for the review in the context of existing knowledge

The Vancouver referencing system is required. All in-text citations are in superscript numerals following the punctuation. Abbreviations should be defined in full at their first instance.

Objective(s)

Methodology

Research design (e.g. systematic review (and meta-analysis- if apply); Must provide the registration information for the review, including register name and registration number, or state that the review was not registered.

Eligibility criteria Specify the inclusion and exclusion criteria for the review (may use PICO framework) and how studies were grouped for the syntheses

Information sources Specify all databases, registers, websites, organizations, reference lists and other sources searched or consulted to identify studies; specify the date when each source was last searched or consulted.

Search strategy Present the full search strategies for all databases, registers, and websites, including any filters and limits used.

Selection process 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.

Data collection process Specify the methods used to collect data from reports (**data extraction**), 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.

Study risk of bias assessment 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 work independently, and if applicable, details of automation tools used in the process.

Effect measures (apply only for meta-analysis) Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.

Synthesis methods

Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis; Describe any methods used to synthesize results and provide a rationale for the choice(s).

For meta-analysis:
(a) Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.
(b) Describe any methods used to tabulate or visually display results of individual studies and syntheses.
(c) Describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.
(d) Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).

Results

Study selection 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 <mark>a flow diagram</mark>; cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.

Study characteristics Cite each included studies and present its characteristics <mark>in Table</mark>.

Risk of bias in studies Present assessments of risk of bias for each included study.

Result of syntheses

For systematic review: describe the result for each outcome(s) as appropriate

For meta-analysis: For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate), (b) an effect estimate and its precision (e.g. confidence/credible interval), (c) statistical testing of heterogeneity, ideally **using structured tables or plots**. If comparing groups, describe the direction of the effect.

Discussion

Limitation Discussion of any limitations of the evidence included in the review; discussion of any limitations of the review processes used.

Recommendation Including implications of the results for practice, policy, and future research.

Availability of data, code, and other materials (if applicable) Report which of the following are publicly available and where they can be founded: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.

Acknowledgement

Declaration Statements

Conflict of interest: (Identify conflict of interest and management or identify "No conflict of interest")

Author contribution: The contribution of each author on this study should be identified based on the CRediT Taxonomy available at: https://groups.niso.org/higherlogic/ws/public/ download/31067/CRediT_Taxonomy_Terms_and_Definitions_list

Example:
Piaseu N: Conceptualization, Methodology, Project administration, Funding acquisition; **Thongbai W:** Data curation, Formal analysis; **Wannasuntad S:** Visualization, Writing-original draft, Writing- Reviewing and Editing.

AI Use disclosure:

(The use of AI tools in this part refers only to the writing process, not to the research conduction process. Generative AI and AI-assistant tools, such as ChatGPT, should only be used in the writing process to improve the readability of the manuscript. Use of the AI tool(s) should be properly documented by identifying the tool's name and the purpose of use.)

Example: The author(s) used [NAME TOOL] in order to [REASON]. After using this tool, the author(s) reviewed and edited the content as needed and take(s) full responsibility for the content of the publication.

References
(Vancouver referencing style as link below and should not exceed 30 references)
https://drive.google.com/file/d/1twSa9cqa4sHcP_tp-Ybl3lZgAUo-bVRe/view

Please check our website at Instruction for Authors to find the correct style for our Journal of Thailand Nursing and Midwifery Council at https://he02.tci-thaijo.org/index.php/TJONC

Visit the PRISMA website at https://www.prisma-statement.org/ for more information about PRISMA reporting guidelines

The manuscript is limited to 15 pages (not including references)