

5 Simple Prompts to Streamline the Evidence Synthesis Process

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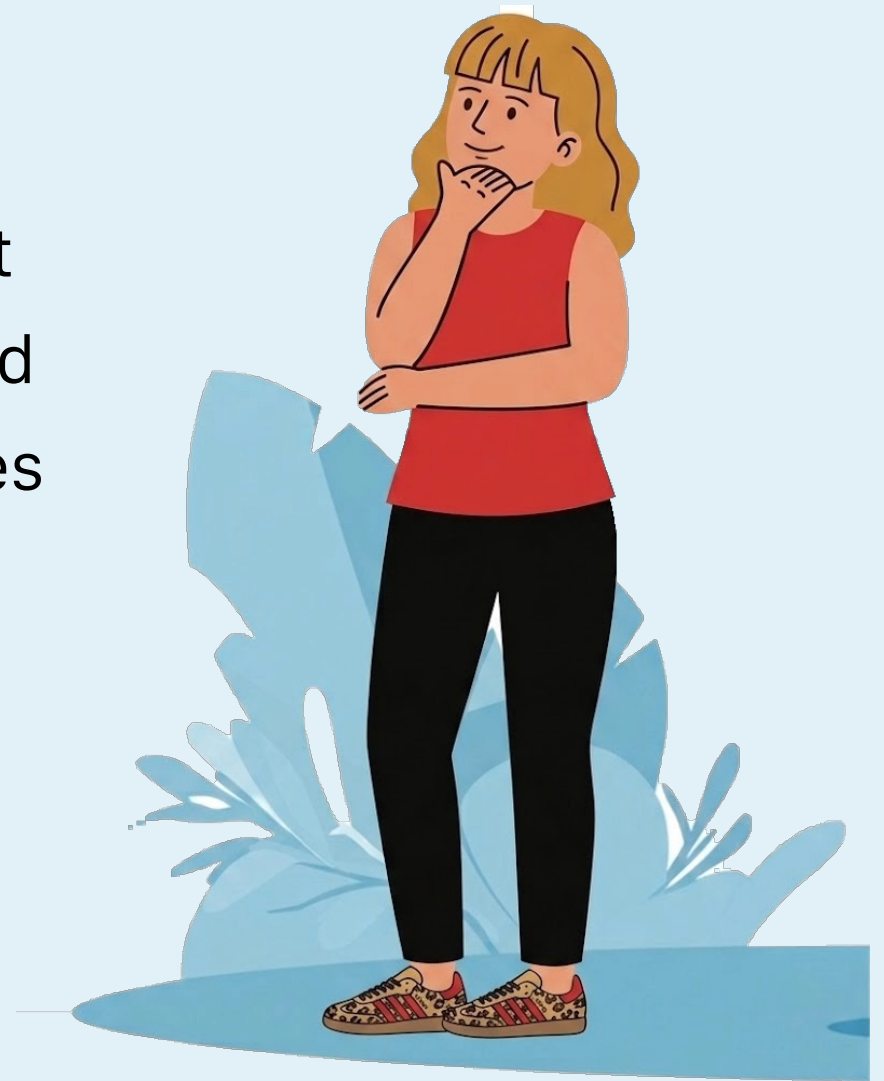
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My caveat

genAI in no way is a replacement for the expertise, judgement, and experience that a health sciences librarian brings to an evidence synthesis research project



This presentation is for you if...



Not a lot of time



Hesitant about genAI



ES requests increasing



Prompt 1: Clean up my mess

From this list of terms, do the following:

1. Place the terms in alphabetical order
2. Remove any duplicates
3. Remove any subset terms that are already contained within a broader term (e.g., Portal Cellular Phones would be found though any searches of Cellular Phones)
4. Place OR in between each term
5. Place each term in quotation marks (e.g., "Mobile Telephones")
6. Truncate any word that has root variations or can be pluralised (e.g, heart attack* for heart attack or heart attacks)
7. Place an asterisk at the end of any term that is a drug name (e.g., Jantoven*)

Check in with me about:

1. Any terms that may have different possible spellings to consider (e.g., paediatric vs paediatric)
2. Any terms that if truncated may bring back too many irrelevant results (e.g., CAT* would bring back everything about CAT-scans but also include articles about cataloging, catamarans, etc).

Prompt 2: Find my seed articles

I want to test my search strategy against identified seed articles in Ovid Medline. Do the following from this list of citations.

1. Identify the PMIDs from each article
2. Place the PMID in numerical order from small to large
3. Place an OR in between each PMID
4. Place parentheses at the beginning and end of the set of numbers
5. Put .ui after the closing parentheses

Prompt 3: Translate my syntax

Translate my Ovid Medline search strategy into appropriate syntax for the Cochrane Library via Wiley. Do the following:

1. Ensure that proper Wiley syntax is used
2. Ensure that there are no truncations inside of quotation marks (e.g., "cardiovas* attack*" should be cardiovasc* NEXT attack*)

Check in with me about

1. Any aspects of the search, filters, or terms that do not easily translate from one database to another

Prompt 4: Peer-review my search

Perform a peer-review on my Ovid MEDLINE search for my rapid review project.

The topic is: The Use of Artificial Intelligence on Upper-Limb Telerehabilitation

Conduct a peer-review of the search based on the PRESS Guidelines as outlined by McGowan et al. (2016) [View article at: [https://www.jclinepi.com/article/S0895-4356\(16\)00058-5/fulltext](https://www.jclinepi.com/article/S0895-4356(16)00058-5/fulltext)] and follow the format in the appendix (attached)

Prompt 5: Draft my awkward email

- Asking why co-authorship was not given
- Supervisors suggesting unachievable reviews for their students
- Pushing back on search changes

Thank you

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AI Disclosure: Gemini 3 was used to generate the cartoon images in
Slides 1 and 2. The prompts presented have been run in Claude,
Gemini, and ChatGPT for various KS projects over the past 9 months

