

## **A Short List of Scoping Review Steps Compiled by Dr. HN Mayrovitz**

### **1. Define the Research Question**

Write a broad, clear research question. Incorporate the Population, Concept, Context (PCC) framework in your research question.

### **2. Develop the Search Strategy**

Develop your search strings. Combine keywords, synonyms, and Boolean operators, and determine what type of studies should be included or excluded

### **3. Execute the Search and Screen Studies**

Run your searches in major databases (e.g., PubMed, Embase, Web of Science, CINAHL) and export the results to reference managers.

- **Title/Abstract Screening:** Exclude clearly irrelevant papers. (Tier 1 screening)
- **Full-Text Screening:** Evaluate the remaining papers against your eligibility criteria. This is facilitated by the use of the Rayyan software (Tier 2 screening)
- Have two reviewers independently screen the studies to prevent bias. A third reviewer will resolve disagreements over whether to include or exclude a study.

### **4. Chart the Data**

Extract specific information from your included studies using a structured form, usually in Excel or Covidence. Extract details such as author, year, methodology, key findings, and any other data relevant to your research question.

### **5. Synthesize and Report Results**

Map out the characteristics of the included literature rather than assessing its methodological quality. Group the extracted data thematically, summarizing the volume, nature, and gaps in the existing research.

Structure your final manuscript using the PRISMA-ScR Checklist to ensure all reporting standards are met.

The following link is a short version with more text

<https://pmc.ncbi.nlm.nih.gov/articles/PMC9580325/pdf/i1949-8357-14-5-565.pdf>

The next one is for the JBI Scoping Review Network Webpage

(<https://jbi.global/scoping-review-network>).

This webpage includes templates, guidance, webinars, and infographics that can support reviewers in the conduct, reporting, and dissemination of scoping reviews