

# Literature Review

**496 Research in Health Ed.**

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# Literature Review

- The review of literature is an organized critique of the important scholarly literature that support a study
  - The goal of the literature review is to develop a strong knowledge base to carry out research.
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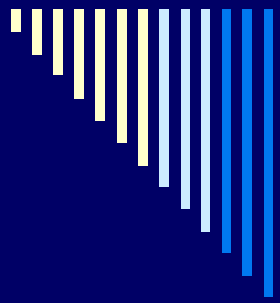
# Objectives of Literature Review

1. Determine what known and unknown about the subject.
  2. Determine gaps, consistencies and inconsistencies.
  3. Uncover research findings.
  4. Discovers conceptual **tradition used to examine the problems.**
  5. Uncover a new practice interventions.
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## Objectives of Literature Review, cont'd...

6. Promote evidence based revision and development of new practice.
  7. Generate useful research questions and hypothesis.
  8. Determine an appropriate research design.
  9. Determine the need for replication of the study.
  10. Synthesis the strengths and weaknesses and findings of available studies.
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# Literature Review Impact on the Process of Quantitative Research

- ❑ Theoretical or conceptual framework.
  - ❑ Research question and hypothesis.
  - ❑ Design and method.
  - ❑ Outcome of the analysis.
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# Primary and Secondary Sources

- Primary source: Is the person who conduct the study (the original author).
  - Secondary sources: is someone other than the original author (summary or critique of researchers work).
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# Systemic Review

- It is a methodology that adheres to explicit and rigorous method to identify, critically appraise, and synthesize relevant primary studies.



# Systemic Review

- **Explicit:** Indicate the question the review will address, the method of reviewing the primary sources, the selection process, and the technique.
  - **Reproducible:** If other researcher use the criteria will draw the same conclusion.
  - **Efficient:** Condense large amount of original studies into a meaningful form.
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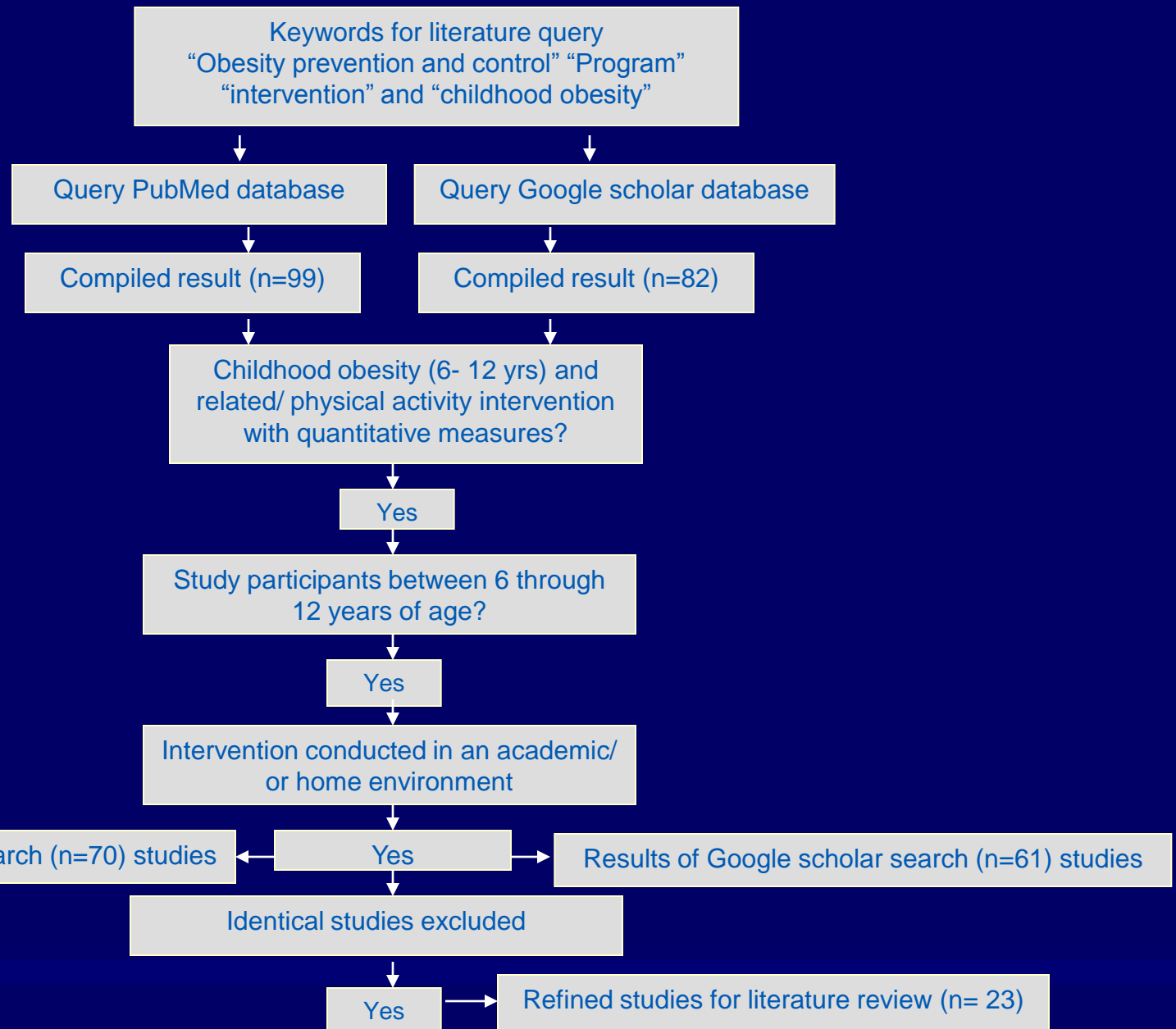
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# Systemic Review

## An Example

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**Diagram:**  
**Flowchart of the**  
**study selection**  
**process**





# Steps of Literature Review

1. Determine topic or problem.
  2. Identify variables/ terms.
  3. Conduct computer search.
  4. Weed out irrelevant sources.
  5. Organize sources.
  6. Review relevant sources.
  7. Conduct preliminary reading.
  8. Critically read each source.
  9. Synthesis critical summaries of each article.
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# Types of Information Sources for Review of Literature

- Conceptual literature : as documents, chapters in books, books discussing theories, videotapes and web based online articles and federal agencies
  - Data base literature: published quantitative and qualitative studies, unpublished studies, unpublished research abstracts.
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# Frequently asked Questions

1- How far back the research should go?

3-5 years

2- What do I need to know?

Keywords

3- How do I complete the search?

- ✓ Read the abstract carefully
  - ✓ Review the references of your article.
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