

研究進行之步驟

(Overview of Research Process)

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研究計畫進行步驟

1. 確立研究問題
2. 進行文獻查證
3. 發展研究架構
4. 確立研究方法與工具
5. 資料收集與分析
6. 撰寫研究成果



確立研究問題

(Research Problems and Purposes)

- A **research problem** is an area of concern where there is a gap in the knowledge base needed for nursing practice
- The **research purpose** is a clear, concise statement of the specific aim or goal of a study.



選擇研究主題的方向

- 驗證新的研究發現
- 分析或比較研究介入措施之成果
- 探討時下普受重視的問題
- 評值各種教學方法之成效
- 分析新的科學觀點、假設或理論
- 綜述最近研究與進展現況



進行文獻查證

(Review of Relevant Literature)

- **Systemic review of relevant theoretical literature & research**
- **Describe a theoretical model if applicable**
- **Summarize the current states of knowledge**



- **Describe gaps and shortcomings in previous work**
- **Explain the specific bodies of knowledge to which you will add**
- **Provide an up-to-date bibliography**



文獻查證的目的

- 提供研究概念的來源
- 擬訂研究架構思索的來源
- 提供研究方法設計的訊息



文獻查證的範圍

- 相關研究期刊報告
- 理論性著述
- 研究方法論著
- 一般專書
- 統計資料庫
- 衛生機構網站
- 其他專業之研究文獻



發展研究架構

(Development of a Framework)

- **Develop a map of the study framework**
- **Describe relationships or propositions in the map**
- **Indicate the focus of the study**



- **Formulation of objectives, questions, or hypotheses**
- **Definitions (conceptual and operational) of research variables**



確立研究方法與步驟

(Methods and Procedures)

- **Description of the design**
 - ❖ **Qualitative study**
 - ❖ **Quantitative study**



- **Selecting of a **setting****
- **Identification of the **population and sample****
 - ❖ **Sampling criteria**
 - ❖ **Sampling method**
 - ❖ **Planned sample size**



- **Method of dividing the sample into groups if applicable**
- **Presentation of ethical considerations**
(protection of subjects' right and university and health care agency review processes)



- **Description of treatment/intervention if applicable**
 - ❖ **Description of the standard program**
 - ❖ **Plans for an intervention with the comparison group if applicable**



- **Selection of measurement tools**
 - ❖ **Reliability & validity of the tools (or plans for examining reliability and validity of the tools in the present study)**
 - ❖ **Scoring (if applicable)**
 - ❖ **Information on pilot testing**



- **Procedure for conducting the study**
 - ❖ **Data collection process (when, where, how)**
 - ❖ **Training of data collectors if appropriate**
 - ❖ **Schedule of data collection**



資料分析(Data Analysis)

- **Analysis of demographic data**
- **Analyses for research objectives, questions, or hypotheses**
- **Level of significance if appropriate**



研究報告撰寫

(Writing a Research Report)

- 依研究假設、問題或目的作為書寫結果的結構



研究報告撰寫主要內容

- 摘要 (Abstract)
- 前言 (Introduction)
- 文獻查證與概念架構 (Literature Review & Framework)
- 研究方法 (Methods)
- 結果 (Results)
- 討論 (Discussion)
- 結論與建議 (Conclusion & Suggestion)
- 參考資料 (Reference)



參考資料

- 報告中所有引用的文獻都需列入參考資料
- 中文部份按作者姓氏筆劃排列
- 英文部份照姓氏字母之順序排列
- 按**American Psychological Association (APA)**第五版格式



附錄 (Appendices)

- **The consent form**
- **Complete protocol for the intervention**
- **Data collection instruments, etc.**

