

Using Blueprints to Engineer Nurses into EBP & Research Champions

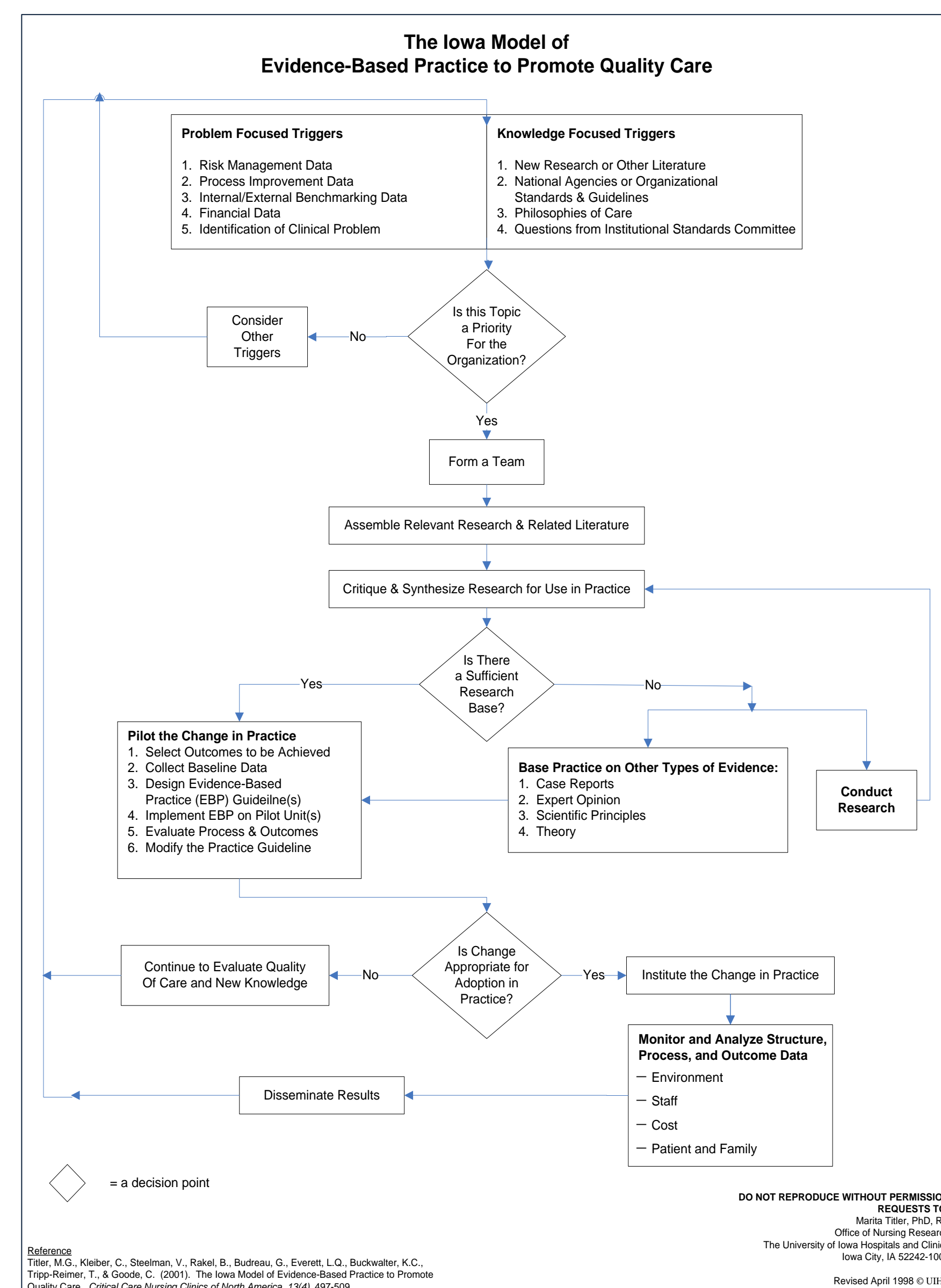


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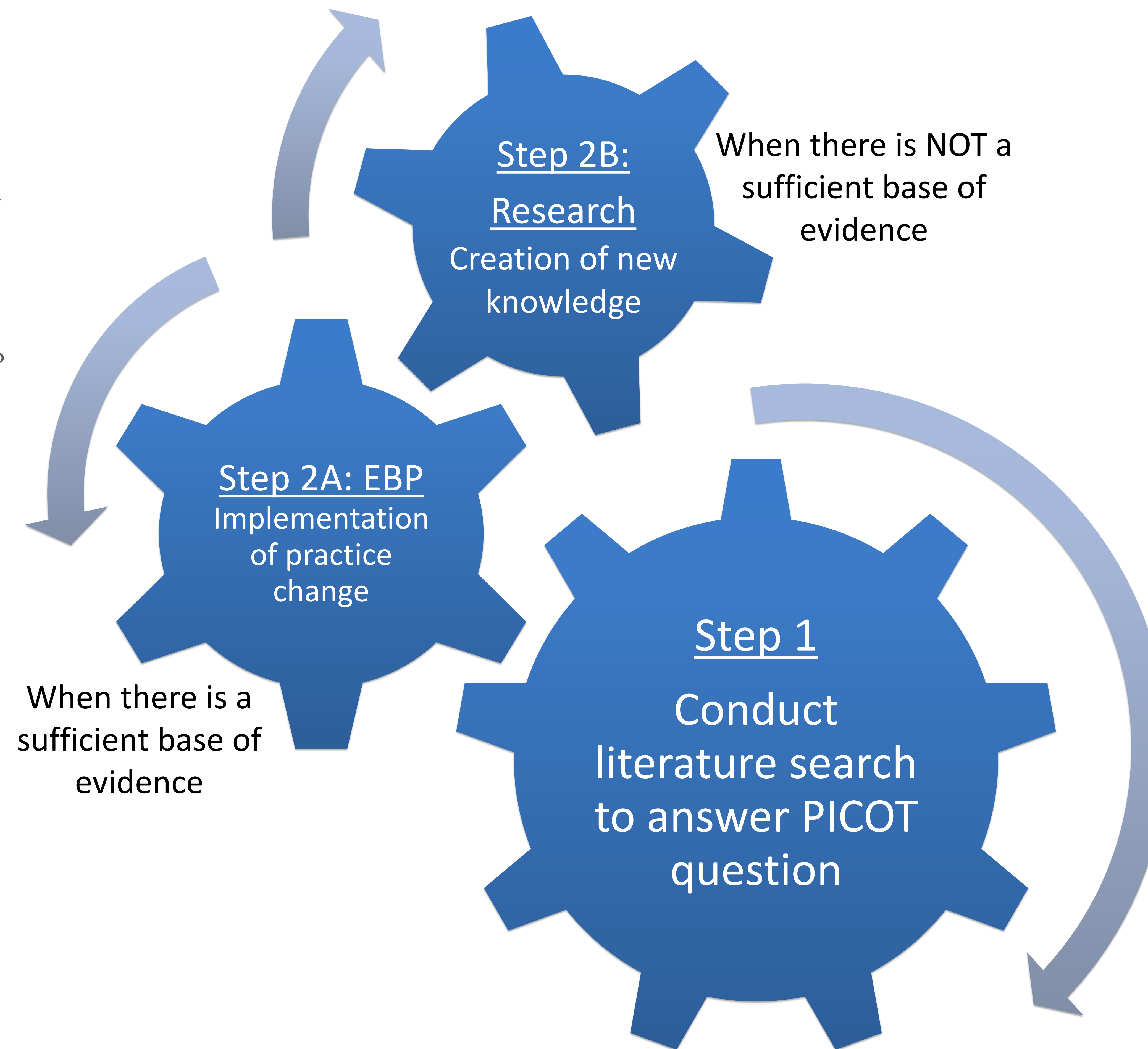
Evidence-Based Practice Blueprint

1. Identify problem or knowledge focused triggers that prompt PICOT question.
2. Is topic a priority for the organization?
3. Form an EBP Change Team consisting of opinion leaders, change champions, and a core group; include key stakeholders.
4. Assemble relevant literature search.
5. Conduct critical appraisal of literature and identify level of evidence.
6. Is there a sufficient base of evidence to pilot the change in practice?
7. Pilot the practice change or new innovation by selecting measureable outcomes, collecting baseline data, designing the EBP guideline, implementing, and evaluating the process and outcomes.
8. Is change appropriate for adoption in practice?
9. Institute the change in practice.
10. Monitor and analyze structure, process, and outcomes data.
11. Disseminate results.



Introduction

The Evidence-Based Practice & Research Fellowship Program provides the structure and process to translate new knowledge and innovations to improve clinical practice and facilitate learning the essential steps of evidence-based practice and the conduct of nursing research.



References

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Nursing Research Blueprint

Phase I: Conceptual Phase

- Define purpose of study
- Develop research question
- Perform literature search and review
- Select conceptual/theoretical framework
- Hypothesis development

Phase II: Design and Planning Phase

- Select a research design
- Choose setting where research will be conducted
- Choose sample:
 - Determine sample size
 - Select inclusion/exclusion criteria
- Develop intervention protocols:
 - Design sampling plan
 - Create Procedure Manual
 - Set alpha and beta
 - Determine type of inferential statistical tests
 - Ensure methods to safeguard subjects
- Measure research variables:
 - Design/select measurement tool
 - Ensure validity and reliability
 - Develop data collection spreadsheet
 - Select and train research team
 - Obtain IRB approval

Phase III: Data Collection

- Collect data
- Develop coding system
- Verify/clean data
- Prepare data for analysis

Phase IV: Data Analysis

- Analyze data
- Interpret results
- Create tables and figures

Phase V: Dissemination Phase

- Communicate findings
- Identify limitations of study
- Find implications of findings for nursing practice
- Identify further research opportunities