

NRS-445 Topic 1: DRAFT Literature Evaluation Table

Assignment:

1. Purpose/Aim of Study: Description of purpose or aim of study is thorough for all four articles.
2. Research Question: Thoroughly identify the research question.
3. Design: Thoroughly explain the type of study method used in this research. Is the article qualitative, quantitative, or mixed methods? Explain how you determined the type of research design.
4. Setting: Identify the location and type of setting of this research. Where did the study take place? What type of setting: inpatient, outpatient, etc.?
5. Sample: Identify the number and characteristics of the participants in the sample.
6. Methods: Identify interventions or instruments used in this article.
7. Analysis: Describe how the collected data was analyzed. How were the collected data analyzed?
8. Outcomes: Summarize the study results including outcomes or key findings and implications for nursing practice
9. Recommendations: Recommendations of the researcher based on outcomes or key findings of the study
10. PICOT Question Support: Explain how this article supports your proposed PICO(T) question.

Nursing practice problem of interest: Barcode medication administration and medication errors

PICOT question:

- Population (P): Hospitalized patients
- Intervention (I): Barcode medication administration (BCMA)
- Comparison (C): Standard medication administration (without BCMA)
- Outcome (O): Medication administration errors
- Time (T): During 5 days of hospitalization

PICOT question: *In hospitalized patients (P), how does barcode medication administration (BCMA) (I) compared to standard medication administration (C) affect medication administration errors (O) during 5 days of hospitalization (T)?*

Background of Nursing Practice Problem (one paragraph; no more than 250 words):

Problem Statement

It is not known if the implementation of *barcode medication administration (BCMA)* (I) would impact *medication administration errors* (O) among *hospitalized patients* (P).