

Research Evidence Appraisal Tool

A Does this evidence answer the EBP question? Yes Continue appraisal No STOP, do not continue evidence appraisal

Article Summary Information

Article Title: Person-Centered Care Practice, Patient Safety Competence and Patient Safety Nursing Activities of Nurses Working in Geriatric Hospitals

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Population, size, and setting: Nurses, 186 sample size, 12 Geriatric Hospitals Publication date: 05.13.2021

Complete after appraisal

Evidence level and quality rating: Level III and B Good Quality Rating **This is a Level 3 observational study. The study has many limitations and possible biases. I will accept your grade. I would grade the study as a C.**

Study findings that help answer the EBP question:

Patient safety skills and age are key factors that impact patient safety during nursing care. A statistically significant positive correlation was observed between patient safety work experience and patient safety nursing interventions. Participants who had patient safety work experience scored higher in-patient safety competence than those participants who did not. **Age is significantly correlated with patient safety nursing activities.**

Article Appraisal Workflow

Section I: Quantitative Appraisal

Is this a report of a single research study? Yes Continue to decision tree No Go to Section I: B

Quality	Level	Was there manipulation of an independent variable?		Level I studies include randomized control trials (RCTs) or experimental studies
		Yes	No	
Quality	Level	Was there a control group?		Level II studies have some degree of randomization in the assignment to groups and may not have a control group
		Yes	No	
Quality	Level	Does the researcher identify what is known and not known about the problem?		Level III studies lack manipulation of an independent variable; can be descriptive, comparative, or correlational; and often use secondary data
		Yes	No	
Quality	Level	Does the researcher identify how the study will address any gaps in the purpose of the study clearly presented?		Level II studies have a control group
		Yes	No	
Quality	Level	Does the literature review current (most sources within the past five years)?		Level I studies include randomized control trials (RCTs) or experimental studies
		Yes	No	
Quality	Level	Was sample size sufficient based on study design and rationale?		Level III studies lack manipulation of an independent variable; can be descriptive, comparative, or correlational; and often use secondary data
		Yes	No	
Quality	Level	Was there a control group?		Level II studies have a control group
		Yes	No	

After determining the level of evidence, determine the quality of evidence.

Level I: Randomized Control Trial (RCT) or Experimental Study

Level II: Quasi-experimental (Control Group)

Level III: Non-experimental (No Control Group)

Quality: A (High), B (Good), C (Fair), D (Poor)

Sample size: k. Convenience sample. **NO Control Group**