A Multi-Site Study of Evidence-Based Practice Knowledge in Associate Degree Nursing Students

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Abstract:

Objective: This multi-site research study will: a) evaluate the correspondence between objective and subjective measures of evidence-based practice (EBP) knowledge in nursing students; b) provide further validity evidence for the Evidence-based Practice Knowledge Assessment in Nursing (EKA N) instrument; and c) describe relationships between demographic factors and EBP knowledge.

Subject Population:  \( N = 150 \) Associate Degree in Nursing (ADN) students (in the final eight weeks of their program) will be recruited from four academic programs in the United States.

Research Design:  A cross-sectional, descriptive, correlational design.

Instruments:  The EKAN is a 20-item, multiple-choice, objective measure of EBP knowledge with an item reliability of .98. The Evidence-Based Practice Questionnaire (EBPQ) is a 24-item subjective measure of EBP knowledge. The Demographic Questionnaire, developed for use with the EKAN, is a 10-item instrument to collect social and educational data.

Procedure:  Subjects will complete the study instruments via an encrypted online portal in a secured administration session. Data will be collected centrally using a common online portal. Data analysis will evaluate the level of correspondence between objective and subjective measures of EBP knowledge, establish EKAN validity in ADN students, and identify relationships between demographic factors and EBP knowledge.