

NUR 314 : EVIDENCE-BASED PRACTICE

Transcript title

Evidence-Based Practice

Credits

6

Grading mode

Standard letter grades

Total contact hours

60

Lecture hours

60

Prerequisites

STAT 243Z.

Course Description

Introduces the research process and prepares students to review evidence as beginning consumers of nursing research. Emphasis is placed on critically evaluating nursing research studies and understanding the process of utilizing research for evidence-based practice. Various research designs and methods, as well as basic statistical methods, will be discussed.

Course learning outcomes

1. Analyze the major components of the evidence-based practice (EBP) process.
2. Explore the use of PICO questions for framing clinical inquiry.
3. Critically appraise research studies and other sources of evidence from online databases for their validity, reliability, and applicability to nursing practice.
4. Demonstrate proficiency in using evidence to inform clinical decision-making and improve patient outcomes.
5. Determine appropriate measures to evaluate the effectiveness of EBP implementation and use data for quality improvement.

Content outline

1. Historical evolution and significance
2. The EBP process and models
3. Understanding the PICO(T) framework
4. Developing answerable PICOT clinical questions
5. Introduction to research databases (PubMed, CINAHL, Cochrane Library)
6. Quantitative vs. qualitative research
7. Levels of evidence hierarchy
8. Common research methodologies in nursing
9. Assessing validity, reliability, and bias
10. Appraisal tools and checklists (e.g., CONSORT)
11. Evaluating trustworthiness: credibility, transferability
12. Appraisal tools for qualitative studies

13. Systematic reviews and meta-analyses
14. Integrative literature reviews
15. Translating evidence into clinical guidelines
16. Developing evidence-based care plans
17. Change theories and implementation models (e.g., Rogers' Diffusion of Innovations)
18. Strategies for successful EBP implementation
19. Measuring patient and system outcomes
20. Quality improvement processes
21. Common barriers: individual, organizational, cultural
22. Strategies to promote EBP adoption
23. Ethical principles in research and EBP
24. Patient rights and informed consent
25. Legal responsibilities of nurses in EBP
26. Importance of teamwork in EBP
27. Communication skills for collaboration

Required materials

Textbook required.