

Advancing Evidence-based Practice: Bridging the Gap between Research and Clinical Nursing

Gloria Smith*

Department of Nursing, University College & Middlesex School of Medicine, Georgia, USA

Introduction

In contemporary healthcare, the integration of Evidence-Based Practice (EBP) is pivotal for ensuring high-quality patient care and optimal health outcomes. EBP involves the conscientious use of current best evidence from research, clinical expertise, and patient preferences to inform decision-making in nursing practice. Despite its recognized importance, there remains a gap between research findings and their application at the bedside. Bridging this gap is essential to harnessing the full potential of evidence-based practice in nursing. This gap often stems from various challenges, including limited access to research literature, lack of time for critically appraising research, and resistance to change in clinical routines [1]. Addressing these challenges requires nurses to engage actively in ongoing education, collaborate with interdisciplinary teams, and adopt systematic approaches to integrating research into daily practice. This series aims to explore strategies for nurses to effectively navigate and bridge this gap, empowering them to implement evidence-based interventions that enhance patient outcomes and contribute to the advancement of nursing practice.

Description

In the dynamic field of healthcare, the concept of Evidence-Based Practice (EBP) stands as a cornerstone for delivering high-quality, effective patient care. It represents a systematic approach to clinical decision-making that integrates the best available research evidence with clinical expertise and patient preferences or values. By grounding practice in evidence, nurses can enhance patient outcomes, improve safety, and optimize resource utilization. Evidence-based practice in nursing emerged as a response to the need for healthcare interventions and practices that are not only based on tradition or authority but also grounded in rigorous research and proven effectiveness. It involves the conscientious, explicit, and judicious use of current best evidence to inform clinical decision-making. This encompasses findings from systematic reviews, randomized controlled trials, cohort studies, and other rigorous research designs. Research evidence provides a foundation for understanding the effectiveness and safety of healthcare interventions. Nurses bring their clinical experience, skills, and knowledge to the decision-making process. Clinical expertise involves the ability to critically appraise research findings, apply knowledge gained from experience, and adapt interventions to meet individual patient needs [2].

Recognizing that healthcare decisions should align with patient preferences, values, and circumstances is crucial in evidence-based practice. It involves shared decision-making with patients, considering their beliefs, cultural background, and treatment goals [3]. By integrating these three components—research evidence, clinical expertise, and patient preferences—nurses can make informed decisions that are both clinically effective and

patient-centered. Despite the recognized benefits of evidence-based practice, there exists a significant gap between research findings and their application at the bedside. This gap poses challenges to the implementation of evidence-based interventions and limits the potential for improving patient outcomes. Accessing and navigating the vast amount of research literature can be challenging for nurses, especially in busy clinical settings. Keeping up with the latest evidence requires time, resources, and skills in searching databases, critically appraising studies, and synthesizing findings.

Nurses often face time constraints in their daily practice, which may limit opportunities for engaging in evidence-based activities such as literature review, critical appraisal, and implementation of new practices. Healthcare systems and organizational cultures may resist change, presenting barriers to the adoption of evidence-based practices. Resistance can stem from entrenched routines, perceived risks associated with change, or lack of awareness about the benefits of EBP. Variability in educational preparation and training in evidence-based practice among nurses can influence their readiness and confidence in applying research findings to clinical decision-making. Evidence-based practice has been associated with improved patient outcomes, including reduced mortality rates, complications, and hospital readmissions. By implementing practices supported by research evidence, nurses can enhance the quality and safety of patient care.

Evidence-based interventions are often more cost-effective and efficient than traditional practices. By using resources judiciously, healthcare organizations can allocate resources effectively while achieving positive patient outcomes. Engaging in evidence-based practice fosters professional growth and development among nurses. It enhances critical thinking skills, promotes lifelong learning, and empowers nurses to contribute to the advancement of nursing knowledge and practice. Nurses who participate in evidence-based practice report greater job satisfaction and increased confidence in their clinical decision-making abilities. They feel empowered to make meaningful contributions to patient care and organizational improvement [4].

This series aims to explore strategies and approaches for bridging the gap between research and clinical nursing practice. It will delve into practical techniques for accessing and appraising research literature, overcoming barriers to EBP implementation, promoting a culture of evidence-based practice within healthcare organizations, and enhancing collaboration among interdisciplinary teams. Techniques for effectively searching databases, evaluating the quality and relevance of research studies, and synthesizing evidence to inform practice. Strategies for translating research findings into clinical practice, overcoming resistance to change, and integrating evidence-based interventions into care delivery. Approaches for fostering an organizational culture that supports and values evidence-based practice, including leadership support, staff education, and continuous quality improvement initiatives [5]. The importance of collaboration among nurses, physicians, allied health professionals, and administrators in implementing evidence-based practices and improving patient outcomes.

Through this exploration, nurses will gain insights and practical tools to enhance their ability to integrate evidence-based practice into their daily clinical decision-making. By bridging the gap between research and practice, nurses can contribute to delivering safe, effective, and patient-centered care that aligns with current best evidence and advances the profession of nursing.

Conclusion

In closing, bridging the gap between research and clinical nursing

*Address for Correspondence: Gloria Smith, Department of Nursing, University College & Middlesex School of Medicine, Georgia, USA; E-mail: gloria11@gmail.com

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practice through evidence-based practice is essential for improving patient outcomes and advancing the nursing profession. By integrating current research findings with clinical expertise and patient preferences, nurses can ensure effective and personalized care. Overcoming barriers and fostering a culture that promotes EBP will empower nurses to continuously enhance their practice, contribute to healthcare innovation, and ultimately, deliver high-quality care that meets the evolving needs of patients and communities.

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Conflict of Interest

There is no conflict of interest by author.

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