

How Libraries and Librarians Can Help Eliminate Barriers to Evidence-Based Practice in Nursing

BY THOMAS NEWLIN

Outline

- ▶ Background (2)
- ▶ Methods (3)
- ▶ Results (3-6)
 - ▶ Education
 - ▶ Work Culture
 - ▶ Information Overload
- ▶ Conclusions (7)
- ▶ Future (8)



Background

- ▶ Evidence-Based Practice (EBP) saves lives and money ^[1]
- ▶ EBP is the balance of three core concepts ^[2]
 - ▶ Best available research
 - ▶ Clinical expertise
 - ▶ Values
- ▶ Barriers
 - ▶ Education
 - ▶ Work Culture
 - ▶ Information Overload



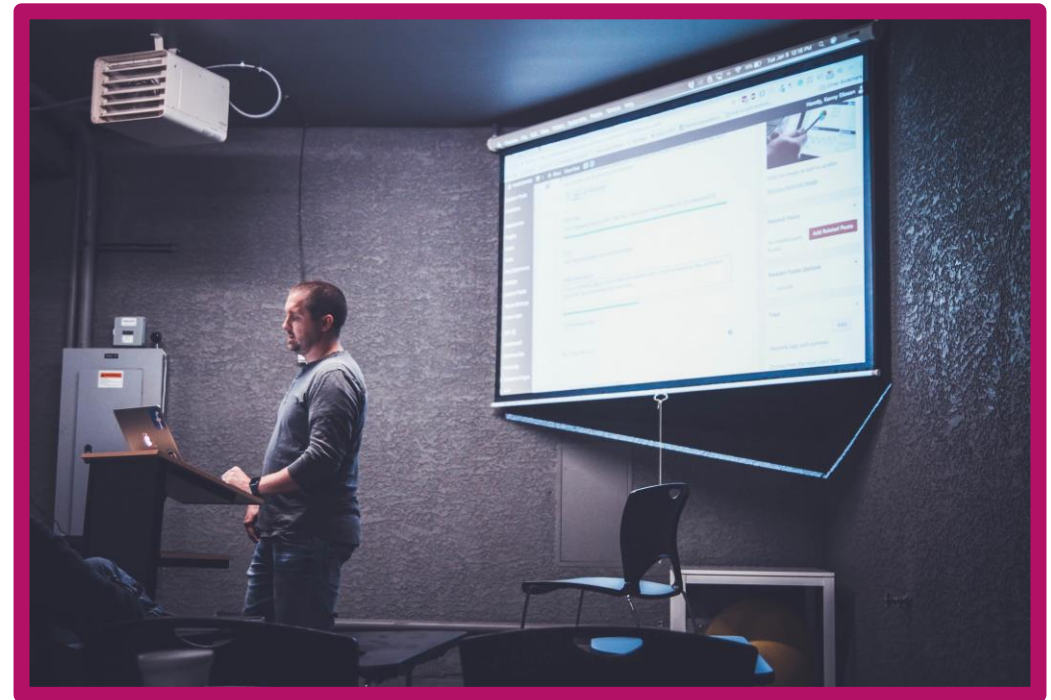
Methods



- ▶ Systematic review of the existing published articles on barriers to EBP in nursing
- ▶ Limitations
 - ▶ Only searched PubMed

Education

- ▶ Late adoption [2]
- ▶ Proper EBP Education [3,4]
- ▶ Education Inequality [5]



Work Culture



- ▶ Many healthcare workplaces misunderstand or devalue EBP [2]
- ▶ Lack of mentorship and support systems [3,4]
- ▶ Insufficient Time

Information Overload

- ▶ PubMed is exploding with publications
- ▶ In family practice alone, it is estimated that around 8,000 articles are published monthly [5]



Conclusions



- ▶ Libraries partner with nursing schools and Healthcare Organizations
- ▶ Standardized exam
- ▶ Paid Research Hours
- ▶ Re-work PubMed

Future

- ▶ Test the previously stated conclusions
- ▶ Disregard or fully implement and standardize



References

1. Melnyk BM, Gallagher-Ford L, Long LE, Fineout-Overholt E. The establishment of evidence-based practice competencies for practicing registered nurses and advanced practice nurses in real-world clinical settings: proficiencies to improve healthcare quality, reliability, patient outcomes, and costs. Worldviews Evid Based Nurs. 2014 Feb;11(1):5-15. doi: 10.1111/wvn.12021. Epub 2014 Jan 21. PubMed PMID: 24447399.
2. Maughan ED, Yonkaitis CF. What Does Evidence-Based School Nursing Practice Even Mean? Get a CLUE. NASN Sch Nurse. 2017 Sep;32(5):287-289. doi: 10.1177/1942602X17724420. PubMed PMID: 28823243.
3. Cline GJ, Burger KJ, Amankwah EK, Goldenberg NA, Ghazarian SR. Promoting the Utilization of Science in Healthcare (PUSH) Project: A Description of the Perceived Barriers and Facilitators to Research Utilization Among Pediatric Nurses. J Nurses Prof Dev. 2017 May/Jun;33(3):113-119. doi: 10.1097/NND.0000000000000345. PubMed PMID: 28471992.
4. Melnyk BM, Fineout-Overholt E, Gallagher-Ford L, Kaplan L. The state of evidence-based practice in US nurses: critical implications for nurse leaders and educators. J Nurs Adm. 2012 Sep;42(9):410-7. PubMed PMID: 22922750.
5. Majid S, Foo S, Luyt B, Zhang X, Theng YL, Chang YK, Mokhtar IA. Adopting evidence-based practice in clinical decision making: nurses' perceptions, knowledge, and barriers. J Med Libr Assoc. 2011 Jul;99(3):229-36. doi: 10.3163/1536-5050.99.3.010. PubMed PMID: 21753915; PubMed Central PMCID: PMC3133901.
6. Funk SG, Champagne MT, Wiese RA, Tornquist EM. Barriers to using research findings in practice: the clinician's perspective. Appl Nurs Res. 1991 May;4(2):90-5. PubMed PMID: 1741642.
7. Atkinson M, Turkel M, Cashy J. Overcoming barriers to research in a Magnet community hospital. J Nurs Care Qual. 2008 Oct-Dec;23(4):362-8. doi: 10.1097/01.NCQ.0000336675.48466.37. PubMed PMID: 18806648.