

Comparison of EBP Process Steps

The 5 Step Process	EBP Process Melnyk & Fineout-Overholt	Iowa Model Process Steps	Johns Hopkins Nursing EBP Model (JHNEBP) – PET Process
<p>1. Ask the clinical question 2. Acquire the evidence 3. Appraise the evidence 4. Apply the evidence 5. Assess / evaluate outcomes</p> <p>References: Strauss, S. E. (2005). <i>Evidence-Based Medicine: How to Practice and Teach EBM, 3rd Edition</i>. New York: Churchill Livingstone, 2005.</p> <p>Thompson, C. (2007). How can we develop and evidence-based culture? In J. V. Craig & R. L. Smyth (Eds.), <i>The evidence-base practice manual for nurses, 2nd Edition</i> (pp. 305-337). Edinburgh: Churchill Livingstone Elsevier.</p> <p>See for example: McMaster University Nursing Resources Evidence Based Behavioral Practice Center for Evidence Based Medicine</p>	<p>0. Cultivate spirit of inquiry 1. Ask the burning question using PICOT format 2. Search / collect most relevant evidence 3. Critically appraise the evidence 4. Integrate best evidence with clinical expertise and patient preferences 5. Evaluate outcomes 6. Disseminate outcomes</p> <p>References: Melnyk, B. M., & Fineout-Overholt, E. (2011). Making the case for evidence-based practice and cultivating a spirit of inquiry. In B. M. Melnyk & E. Fineout-Overholt (Eds.), <i>Evidence-based practice in nursing & healthcare: A guide to best practices, 2nd Edition</i> (pp. 3-24). Philadelphia, PA: Wolters Kluwer / Lippincott Williams & Wilkins.</p> <p>Melnyk, B., Fineout-Overholt, E., Stillwell, S., & Williamson, K. (2010). Evidence-based practice: step by step. The seven steps of evidence-based practice. <i>American Journal of Nursing, 110(1), 51-53.</i></p>	<p>1. Select a priority topic based on triggers (problem-focused triggers and knowledge focused triggers) 2. Form a team 3. Assemble evidence 4. Critique and synthesize evidence 5. Set forth the evidence-based practice recommendation 6. Decide if findings support a practice change 7. Develop and pilot the practice change 8. Determine if the change is appropriate for adoption in practice 9. Monitor structure, processes, and outcomes 10. Disseminate findings</p> <p>References: Titler, M., & Adams, S. (2010). Developing an evidence-based practice. In G. LoBiondo-Wood & J. Haber (Eds.), <i>Nursing research: Methods and critical appraisal for evidence-based practice</i> (pp. 385-437). St. Louis, MO: Mosby Elsevier.</p> <p>University of Iowa Hospitals and Clinics Evidence-Based Practice Resources</p>	<p>The PET Process Phase 1 Practice Question 1. Recruit team 2. Develop/refine EBP question 3. Define question scope 4. Assign responsibility 5. Schedule meetings Phase 2 Evidence 6. Conduct search 7. Appraise level & quality individual evidence 8. Summarize individual evidence 9. Synthesis body of evidence 10. Develop practice recommendation Phase 3 Translation 11. Determine fit, feasibility, appropriateness 12. Create action plan 13. Secure support 14. Implement plan 15. Evaluate outcomes 16. Report outcomes to stakeholders 17. Identify future steps 18. Disseminate findings</p> <p>References: Dearholt, S. (2012). The Johns Hopkins Nursing Evidence-Based Practice Model and process overview. In S. Dearholt & D. Dang, <i>Johns Hopkins nursing evidence-based practice: Model and guidelines, 2nd Edition</i>. Indianapolis, IN, Sigma Theta Tau .</p> <p>The Institute for Johns Hopkins Nursing EBP</p>