

# Evidence Based Practice

G H S O N L i b r a r y

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## *Evidence Based Nursing*

“—a problem solving approach to nursing practice that uses the best evidence available to make decisions about patient care; best evidence is acquired through a systematic search and critical appraisal of relevant clinical data; expert opinion of healthcare providers; and patient/family values, preferences, and needs that answer the clinical question posed.”

### Online EBP Nursing Journals Available Through OSF

Clinical Nurse Specialist

Evidence Based Nursing

\*Journal of Advanced Nursing

Nurse Researcher

Western Journal of Nursing Research Worldviews on EBN

\*Clinical Nursing Research

Journal of Nursing Care Quality

\*Journal of Nursing Scholarship

\*Nursing research

**\*Titles also available in print from the GHSON Library**



**The OSF website** also includes an entire section devoted to evidence-based nursing. EBP Links to several online tutorials devoted to teaching and understanding EBP are also available.

[http://library.osfhealthcare.org/evidencebased\\_nursing.asp](http://library.osfhealthcare.org/evidencebased_nursing.asp)

**The University of Illinois at Chicago** also provides an excellent explanation of EBP in Nursing at:

<http://ebp.lib.uic.edu/nursing/?q=node/1>

## *EBP Books in the GHSN Library:*

- Ackley, B. J. & Ladwig, G. B. (eds.) (2008). *Nursing diagnosis handbook : An evidence-based guide to planning care*. St. Louis, MO : Mosby Elsevier.  
WY 100.4 N9745 2008
- (2007). *Best practices : Evidence-based nursing procedures*. Philadelphia : Lippincott Williams & Wilkins. WY 100.7 B561 2007
- Brown, S. J. (2009). *Evidence-based nursing : The research-practice connection*. Sudbury, MA : Jones and Bartlett. WY 20.5 B879e 2009
- Burns, N. (2005). *The practice of nursing research : Conduct, critique, and utilization*. St. Louis, MO : Elsevier/Saunders. WY 20.5 B967p 2005
- (2009). *Evidence-based nursing guide to legal & professional issues*. Philadelphia : Wolters Kluwer health / Lippincott Williams & Wilkins. WY 33 E93 2009
- Fawcett, J. (2009). *Evaluating research for evidence-based nursing practice*. Philadelphia : F.A. Davis. WY 20.5 F278e 2009
- Fitzpatrick, J.J. & Wallace, M. (eds.). (2006). *Encyclopedia of nursing research*. New York : Springer. WY 20.5 E56 2006
- Levin, R. F., Feldman, H. R. (eds.). (2006). *Teaching evidence-based practice in nursing : A guide for academic and clinical settings*. New York : Springer. WB 102 T2516 2006
- LoBiondo-Wood, G. & Haber, J. (eds.) (2006). *Nursing research : Methods and critical appraisal for evidence-based practice*. St. Louis, MO : Mosby Elsevier.  
WY 20.5 N9744 2006
- Macnee, C.L. (2008). *Understanding nursing research : Using research in evidence-based practice*. Philadelphia : Wolters Kluwer Health / Lippincott Williams & Wilkins. WB 201 M235u 2008
- Malloch, K. & Porter-O'Grady, T. (eds.) (2010). *Introduction to evidence-based practice in nursing and health care*. Sudbury, MA : Jones and Bartlett. WY 100.7 I61 2010
- Melnyk, B. M. (2005). *Evidence-based practice in nursing & healthcare : A guide to best practice*. Philadelphia : Lippincott Williams & Wilkins. WB 102 M526e 2005
- Polit, D. R. & Beck, C. T. (2010). *Essentials of nursing research : Appraising the evidence for nursing practice*. Philadelphia : Wolters Kluwer Health / Lippincott Williams & Wilkins. WY 20.5 P769e 2010
- Stevens, K. R. & Cassidy, V. R. (eds.) (1999). *Evidence-based teaching : Current research in nursing education*. Sudbury, MA : Jones and Bartlett.  
WY 18 E935 1999

# Evidence-Based Practice Resources: Where to Begin Your Search

The following are some resources supportive of evidence-based practice, most of which are available through the OSF website.

## Guidelines and Best Practices

The **National Guideline Clearinghouse**, is a database of evidence-based clinical practice guidelines and related documents designed for nurses, physicians, and other health care providers.

The **Joanna Briggs Institute** produces both best-practice information sheets and systematic reviews on dozens of topics of interest to nurses.

## Systematic Literature Reviews

A systematic literature review is a type of research with a defined question/objective, a methods section describing the search of the literature, a synthesis of literature concerning the question/objective, and a discussion of the implications of that synthesis.

The **Cochrane Database of Systematic Reviews** covers primarily biomedical topics, but there are many nursing topics.

The **Sarah Cole Hirsch Institute for Best Nursing Practices Based on Evidence** is a repository of systematic reviews of evidence-based practices at the Frances Payne Bolton School of Nursing, Case Western Reserve University. It publishes the reviews through the Online Journal of Issues in Nursing.

<http://fpb.case.edu/HirschInstitute/reviews.shtm>

**Worldviews in Evidence-Based Nursing** is published in print and electronically by Sigma Theta Tau International and contains both systematic reviews of the literature and other articles and abstracts.

The **Online Journal of Clinical Innovations** is an electronic publication from CINAHL Information Systems that contains systematic reviews of literature on key issues in patient care, such as pain assessment and fall prevention.

## Other Resources

**Evidence-Based Nursing**, is a quarterly publication that provides abstracted information and commentary on research studies from a wide variety of international journals.

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## 5 STEP MODEL OF EBP

1. Translation of uncertainty to an answerable question
  2. Systematic retrieval of best evidence available
  3. Critical appraisal of evidence for validity, clinical relevance, and applicability
  4. Application of results in practice
  5. Evaluation of performance
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The following PICO format may help you structure your search to answer evidence based nursing questions.

<b>P</b>	<b>= Patient, Problem, Population</b> Describe your patient (age, sex, race, past medical history, etc.), the disease or main topic of your question
<b>I</b>	<b>= Intervention</b> What intervention or action are you considering-treatment, diagnostic test, etc. Is there a specific issue you'd like to investigate?
<b>C</b>	<b>= Comparison</b> Are you trying to compare or decide between two options-drugs, a drug and no medication or placebo, or two diagnostic tests? Your clinical question does not always need a specific comparisons.
<b>O</b>	<b>= Outcomes</b> What is the outcome you'd like to achieve? What are you trying to do for the patient? Relieve or eliminate the symptoms? Reduce the number of adverse events? Improve function or test scores?

### EXAMPLE:

**Population:** Children who come to Emergency Department

**Intervention:** Temperature Assessment

**Comparison:** No comparison group. Question is about an issue of interest

**Outcome:** Accurate Assessment

**Question:** What method for assessing temperature in children who come to the Emergency Department is most useful for an accurate assessment?

**Topics (Keywords or Key Phrases):**

Temperature Measurement or Body Temperature Assessment  
Emergency Room or Emergency Department  
Children or Pediatrics