

Revolutionizing Evidence-Based Practice

Evidence-Based Practice (EBP) Conference

April 19 - 20, 2023 | Hyatt Regency, Coralville, Iowa



Oral Presentation Details

March 15, 2023: PowerPoint presentation due to kristen-rempel@uiowa.edu

Presentation Details

- Presentation is 15 minutes plus 5 minutes for questions.
- All participants will have online access to a pdf of your presentation.
- A PC with projection will be provided. Do not plan to use your personal laptop. If you require any other equipment, contact kristen-rempel@uiowa.edu by March 15, 2023.
- If you are unable to present, the expectation is that you will provide a substitute.
- The Department of Nursing Services and Patient Care will make every effort to successfully display your PowerPoint presentation, but we will not be held responsible for errors due to incompatibility issues or technology malfunctions.

Presentation Content

Please reference the following specific content for your type of presentation and refer to the table to be clear on the method used and terminology.

EBP project

- Model used
- Purpose and rationale clearly stated
- Synthesis of evidence
- Practice change and implementation strategies used to promote adoption and integrate practice change
- Evaluation clearly described; report findings from both process and outcome indicators
- Conclusions and implications for practice; summarize the project findings and how they might be used in practice

Research study

- Research question or aim clearly stated
- Background of the problem and current knowledge gap
- Methods described including study and sample, design, measures, and analyses
- Results showing data and description
- Conclusions and implications for practice; summarize the study results and how they might be used in practice

Synthesis report

- Description of clinical topic addressed
- Representation of appropriate experts on the team, management of conflict of interest, and process for peer review
- Methods described for finding and assessing individual studies as well as synthesis method
- Specific practice recommendations and strength of each recommendation using an established grading system
- Summary of evidence and how it might be used in practice

Please contact kristen-rempel@uiowa.edu with any questions.
Thank you and we look forward to your presentation.



Differentiating Between EBP and Research

	EBP	Research
	<p>“EBP is the process of shared decision-making between practitioner, patient, and others significant to them based on research evidence, the patient’s experiences and preferences, clinical expertise or know-how, and other available robust sources of information” (Sigma Theta Tau International 2005-2007 Research Scholarship Advisory Committee, 2008, p. 1).</p> <p>EBP is healthcare delivery based on the integration of the best research evidence available combined with clinical expertise, in accordance with the preferences of the patient and family (Sackett et al., 1996, 2000).</p>	<p>Research is the “systematic investigation, including research development, testing and evaluation, designed to develop or contribute to generalizable knowledge” (US Department of Health & Human Services, n.d.-b, para. 2)</p>
Intent Who benefits	<ul style="list-style-type: none"> • Patients • Clinicians • Organization 	<ul style="list-style-type: none"> • Clinicians • Scientific community • Subjects (on occasion)
Purpose	<ul style="list-style-type: none"> • Improve quality and safety within the local clinical setting by applying evidence in health care delivery 	<ul style="list-style-type: none"> • Contribute to and/or generate new knowledge that can be generalized
Scope of interest	<ul style="list-style-type: none"> • Specific unit or patient population within an organization 	<ul style="list-style-type: none"> • Generalize to populations beyond organization
Methodology Processes or outcomes measurement	<ul style="list-style-type: none"> • Measures include knowledge, attitude, behavior/practices, outcomes, and balancing measures • Measures for key indicators using tools with face validity but may be without established validity or reliability 	<ul style="list-style-type: none"> • Measures are complex • Measures take time to completed • Measures require a protocol detailing how to administer • Measures require preliminary tests of reliability, validity, specificity, and/or sensitivity
Design	<ul style="list-style-type: none"> • Iowa Model or other EBP process model 	<ul style="list-style-type: none"> • Experimental • Observational • Descriptive
Suggested Terminology	<ul style="list-style-type: none"> • Project Director • Patients • Clinicians 	<ul style="list-style-type: none"> • Investigator • Researcher • Participants • Subjects

Sackett, D. L., Rosenberg, W. M. C., Gray, J. A. M., Haynes, R. B., & Richardson, W. S. (1996). Evidence based medicine: What it is and what it isn't. *BMJ*, 312(7023), 71-72. <https://doi.org/10.1136/bmj.312.7023.71>

Sackett, D. L., Straus, S. E., Richardson, W. S., Rosenberg, W. M., & Haynes, R. B. (2000). *Evidence-based medicine: How to practice and teach EBM* (2nd ed.). Churchill Livingstone.

Sigma Theta Tau International 2005—2007 Research Scholarship Advisory Committee. (2008). Sigma Theta Tau International position statement on evidence-based practice February 2007 summary. *Worldviews on Evidence-Based Nursing*, 5(2), 57-59. <https://doi.org/10.1111/j.1741-6787.2008.00118.x>

US Department of Health & Human Services. (n.d.-b). *Quality improvement activities FAQs*. <https://www.hhs.gov/ohrp/regulations-and-policy/guidance/faq/quality-improvement-activities/index.html>