



Northeast Georgia Health System  
HEALTH SCIENCES LIBRARY SERVICES

# RESEARCH VS. EVIDENCE-BASED PRACTICE VS. QUALITY IMPROVEMENT

## PURPOSE

### Research



**GENERATING KNOWLEDGE**  
Systematic inquiry resulting in discovery of new knowledge

### Evidence Based-Practice



**TRANSLATING EVIDENCE TO PRACTICE**  
Problem-solving approach using best evidence, clinical expertise, and patient preferences/values to change practice

### Quality Improvement



**EVALUATING PROCESSES**  
Identifying/addressing gaps in best practices to minimize error and maximize process outcomes

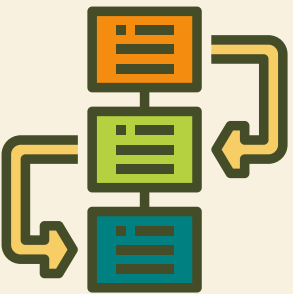
## MODELS/METHODS

### RESEARCH



Ask/answer questions using scientific methods: **qualitative, quantitative, or mixed methods** studies; contribute findings to scholarly literature/knowledge base

### EBP



Structured steps to answer clinical questions by finding, appraising, implementing, and evaluating outcomes of applying the strongest available evidence to practice

**1.) Iowa Model of EBP; 2.) Advancing Research and Clinical Practice Through Close Collaboration (ARCC); 3.) Johns Hopkins Nursing EBP Model**

### QUALITY IMPROVEMENT



Model for Improvement: **Plan-Do-Study-Act [PDSA]** cycle; **Focus-Analyze-Develop-Execute [FADE]** Model

## EXAMPLES

### Research

Procedural Sedation: Utilization of a Sedation Rescue Order of Action Algorithm-A retrospective quantitative study  
Nicole B. Jones



### EBP

Impact of bedside report on patient satisfaction with nursing  
Cindy Danner



### Quality Improvement

Standardizing pharmacological treatment protocol for infants experiencing Neonatal Abstinence Syndrome: Methadone vs Morphine  
Bridgette Schulman



#### References:

University of Alabama at Birmingham Libraries. Center for Nursing Excellence: Evidence Based Practice and Research Council, Retrieved from <https://guides.library.uab.edu/cne/research>  
Center for Nursing Excellence - University of Alabama at Birmingham. Quality Improvement, and Nursing Research Fact Sheet. Retrieved from [https://guides.library.uab.edu/ld.php?content\\_id=2276953](https://guides.library.uab.edu/ld.php?content_id=2276953)  
UCLA Health - Research and EBP Resources. Differentiating Research, Evidence-based Practice, and Quality. Retrieved from <https://www.uclahealth.org/nursing/workfiles/NPRC/Research-EBP-QI-Flyer-Final.pdf>