

# Evidence-based Practice Model / FOCUS-PDCA

## KEY

- = Quality
- = Evidence-based
- = Research
- = A3 step (In-depth and involves several stakeholders)
- = A4 step (Problem solution w/in department)

**Evidenced-based Practice Definitions**

“The integration of best research evidence with clinical expertise and patient values,”  
– Sackett, et al, 2001

“Characterized by using the best proven information when making clinical decisions.”  
– Sackett, et al, 2000

## Problem Statement (A3/4: ID problem and opportunity for change)

**FIND**

<p><b>Problem-focused Practice Question</b></p> <ol style="list-style-type: none"> <li>1. Risk management data (Ex: UOR)</li> <li>2. Quality data (Ex: Falls)</li> <li>3. Identification of clinical problem (Ex: Data/Audit Results)</li> </ol>	<p><b>Knowledge-focused Practice Challenges</b></p> <ol style="list-style-type: none"> <li>1. National agencies or organizational standards &amp; guidelines (Ex: The Joint Commission)</li> <li>2. New information in literature</li> <li>3. Professional specialty standards of practice (Ex: AACN, AORN)</li> </ol>
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Consider other triggers ← **NO** — Is this a priority for the organization?

Is this a priority for the organization? — **YES** —>

} A3: How does problem relate to department performance objectives?

**Organize**

Identify scope of practice questions (Ex: Medicine, Nursing, Therapy);  
Recruit appropriate team; Identify responsible leader

**Clarify**

Gather relevant evidence – Internal data and literature review

**Understand**

Critique & summarize internal data and literature review for use in practices

**Select**

Is there sufficient research/evidence to develop procedures for change in practice or systems on the base of evidence?

**Current State**  
(A3/4: What are we currently doing? How do we do it? Who's involved?)

**Analysis**  
(A3: Root-cause, fishbone, 5 Whys, cause-effect, etc.)

**YES**

**NO**

**PLAN**

**Pilot the Change in Practice**

1. Select measurable outcomes, not baseline
2. Design nursing/multidisciplinary practice guideline
3. Implement practice changes on a pilot unit
4. Evaluate process & outcomes

**Goals & Metrics Potential Solutions**  
(A3/4: Suggestions/ New Methods)

**Base Practice on Other Types of Evidence:**

1. Case Reports
2. Expert Opinion
3. Scientific Principles
4. Theory

**Conduct Research IRB process**

**DO CHECK**

## Action Plan

A3: Deliverables, timeframe & responsibilities for each phase

I. Plan	IV. Implement
II. Analyze	V. Evaluate

Is the Change Appropriate for Translation to Practice?

**YES**

**NO**

- Create Action Plan  
- Gain Leadership Support for Spread of Change

Institute the Changes in Practice

Monitor Practice-Change Outcomes (e.g. environment, staff, cost, patient & family) and Disseminate Results

Identify alternative procedures.  
Continue to evaluate quality of care and new knowledge

**ACT**

**Sustain Results**  
(A3/4: Review indicators; Identify next steps)

**REFERENCES**

Titler, M.G., et al. (2001). The Iowa Model for Evidence-Based Practice to Promote Quality Care, Critical Care Nursing Clinics of North America: Translating Research into Practice. 13(4), 497-509

FOCUS-PDCA Model, The Hospital Corporation of America.

UCLA Health System A3/A4