Evidence-based Practice Model / FOCUS-PDCA

Evidenced-based Practice Definitions
“...The integration of best research evidence with clinical expertise and patient values,”
“Characterized by using the best proven information when making clinical decisions.”

Problem-focused Practice Question
1. Risk management data (Ex: UOR)
2. Quality data (Ex: Falls)
3. Identification of clinical problem (Ex: Data/Audit Results)

Knowledge-focused Practice Challenges
1. National agencies or organizational standards & guidelines (Ex: The Joint Commission)
2. New information in literature
3. Professional specialty standards of practice (Ex: AACN, AORN)

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?

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

Do
Conduct Research IRB process

Check
Goals & Metrics
Base Practice on Other Types of Evidence:
1. Case Reports
2. Expert Opinion
3. Scientific Principles
4. Theory

A3: How does problem relate to department performance objectives?

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.)

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.
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