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The Clinical Inquiry Process Diagram

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THE CLINICAL INQUIRY PROCESS DIAGRAM

Articulate Problem, Define Area of Focus & Question

Conduct Initial Review of the Evidence & Data (Internal & External)
Consult Resources, Stakeholders & Experts (Internal & External)
Identify & Assemble Initial Team
Refine & Finalize Question (PICOT)
Consult Librarian (If Available)
Conduct Literature Search
Appraise Evidence

Evidence-Based Practice (Change in Practice)

Contact Department, Council or Committee That Supports EBP (Consider NHSRD)
Finalize Team Members & Schedule Meetings
Assess Translation of Evidence into Practice (Feasibility)
Gather Pre-Intervention Data
Develop Plan & Implement Change (Pilot)
Gather Post-intervention Data
Evaluate Outcome(s)
Successful: Proceed
Issues: Make Adjustments & Redo Pilot
Report Results to Decision-Makers
Adopt Practice Change, Identify Next Steps & Potential Knowledge Gaps

EPE = Evidence-Based Practice

Performance Improvement (Process Enhancement / Improvement)

Contact Department, Council or Committee That Supports Performance Improvement (Consider NHSRD)

Plan
- Identify Performance Gaps / Root Cause Analysis
- Make Predictions and State Objectives (Why)
- Develop Plan to Test Change (Who, What, When, Where)
- Decide What Data to Gather

Do
- Implement Change (Pilot / Test) - Small Scale
- Document problems and observations
- Collect Data
- Begin to Evaluate Effectiveness

Study
- Analyze Data
- Compare Data to Prediction
- Summarize What Was Learned

Act
- Determine What Changes Need to Be Made Based on Test
- Adopt, Adapt, Abandon
- Continue with Performance Improvement Process / Next Test

Disseminate (Internal and External) Posters, Presentations, Manuscripts

Background (Broad)
Research (Creation of New Knowledge)

Not Enough Evidence (Research)

Adequate Evidence?

Current Practice?
- Not Fully Implemented (Performance Improvement)
- Yes

Current Practice?
- Yes

Current Practice?
- No (Translate Evidence)

Current Practice?
- Stop / End Process

Research (Focused)

Gather Post-Intervention Data
Evaluate Outcome(s)
Successful: Proceed
Issues: Make Adjustments & Redo Pilot
Report Results to Decision-Makers
Adopt Practice Change, Identify Next Steps & Potential Knowledge Gaps

NHSRD = Not Human Subjects Research Determination

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