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The Clinical Inquiry Process Diagram

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THE CLINICAL INQUIRY PROCESS DIAGRAM

Background (Broad)
- Articulate Problem, Define Area of Focus & Question
  - Research (Creation of New Knowledge)
    - Contact Department, Council or Committee That Supports Research
      - Assign/Find Mentor
      - Finalize Team Members & Schedule Meetings
      - Identify Resources Needed & Funding Options
    - Design Protocol
      - Submit Protocol to IRB
    - Implement Research Protocol (IRB Approved)
      - Data Collection
        - Data Analysis
          - Consider Impact / Outcome(s), Potential for Translation & Identify Next Steps

Question Development & Assessment of Current State
- 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

Foreground (Focused)
- 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

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
  - Adapt, Adopt, Abandon
  - Continue with Performance Improvement Process / Next Test

Disseminate (Internal and External)
- Posters, Presentations, Manuscripts

NHSRD = Not Human Subjects Research Determination

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