Tracking and Evaluating APRN Practice Patterns Using a Nurse Developed Mobile Application and the ANA Adopted Framework

Jennifer P Colwill MSN, APRN, CCNS, PCCN Clinical Nurse Specialist Cleveland Clinic, OH
Conference Goals

- Translate continual practice improvements into viable solutions that advance professional practice or clinical care.
- Disseminate nursing research to drive evidence-based practice.
- Synthesize nursing innovation and technology to drive quality in health care delivery.
- Relate exemplary work environment practices to patient and nursing outcomes.
- Disseminate and implement best practices in evidence-based, interprofessional, patient-centered care.
• Do you believe that regardless of your position, as a nurse you have a lot to offer?

• How many of you have been asked the question…..What do you do?

• Have you asked yourself what is my value? And how can I improve my value?
A Time of Change

Structure

Ambiguity

Timed Tasks

Open Ended Assignments

Clear Day to Day Responsibilities

On-going Projects & Work
• Role clarity/confusion
• Adoption of EBP
• Change agent
• Time management and prioritization
• Demonstrating value
Track What/Why/How??

“What gets measured gets improved.” Peter Drucker *On Improvement*
Innovation Journey

Test
Evaluate
Evolve

Share
Publication
Presentations
Talk/Network
Refining My Prototype

• Time

• Mirror APRN Consensus model competencies

• Capture in real-time

• Reports that one can individualize and add outcomes or narrative to show progress

• Collecting data: individuals & group level
What is TrACWork?

A quick and easy way for health care “knowledge workers” to capture their unique portfolio of contributions, monitor practice patterns/trends and communicate their value to the organization in:

• Patient care
• Professional competencies
• System or group goals
• Outcomes
Who can use TrACWork?

- Advance Practice Nurses
- Chief Nurse Officers
- Specialty Nurses, such as:
  - Quality and Patient Safety
  - Accreditation and Regulatory
  - Research
  - Management
  - Education and Professional Development
  - Nursing Informatics
TrACWOrk© Digital Data System

TrACWOrk

Mobile App
Document 2 ways

• Web/Desktop
  – Enhanced functionality

• Mobile Application:
  – Document on the go
  – Easily and effortlessly
  – Real time
2016 American Nurses Association Annual Conference
Connecting Quality, Safety and Staffing to Improve Outcomes
Report Examples from TrACWork Data

CNS Practice Pattern Report

- CLABSI prevention
- Surgical Care improvement Project (SCIP)
- Pressure Ulcer Prevention (HAPU/UAPU)
- Pain management
- Fall Prevention
- Innovation/Research
- Ca-UTI prevention
- VTE prevention
- Readmission reduction (HF)
- Track Work
- Analysis of data
- Better Strategy & Efficiency
- Better Quality (& Lower Cost)

**American Nurse Association DIKW IT Framework**

- Data
  - Information
  - Knowledge
  - Wisdom
  (ANA scope and standards ‘08)

**Value** ➔ **Better Outcomes & Lower Cost**
Lessons Learned

**Fact:** Time is the best objective measure of the way you spend your day = work

**Fallacy:** More time = better outcomes or Less time = poor outcomes

**Fact:** Pinpoint consistent focus and good strategy = Better outcomes

**Objective of TrACWork©:**

Track and help identify **practice patterns for individuals and groups** towards competencies and outcomes.
Group Data Capture
Report Examples from TrACWork Data

Organizational goals
- Patient safety
- Quality
- Innovation
- Research
- Cost
Peter Drucker on *Time*

One cannot **buy, rent or hire more time**. The supply of time is totally inelastic. No matter how high the demand, the supply will not go up. There is no price for it. **Time is totally perishable and cannot be stored. Yesterday's time is gone forever, and will never come back.** Time is always in short supply. There is no substitute for time. Everything requires time. **All work takes place in, and uses up time. Yet most people take for granted this unique, irreplaceable and necessary resource.**
Peter Drucker

• “Knowledge has to be improved, challenged, and increased constantly, or it vanishes.”

• The best way to predict the future is to create it.
https://www.onadeo.com/contact/support_request
Thank You

Questions