



# Pressure Ulcer Prevalence

## Out From Under Paper Checksheets Through The Use of Electronic Forms and Existing EMR Data



### History

NDNQI Pressure Ulcer Prevalence Data Collection:

- Completed Quarterly
- Paper-Based
- Manual Entry of Results
- Labor Intensive: Chart Review & Physical Assessment



### The Team

*An Interdisciplinary Team Was Assembled & Collaborated To Determine a Viable Solution*

- Nursing Infomaticists
- Data Entry Staff
- RNs
- IT Professionals
- Clinical Nurse Specialist
- Bedside RNs / Skin Resource
- Patient Safety Nurse

#### Team Members

- Gary Caisse, RN
- Donna Diers, RN
- Anthony Fasulo
- Carrie Guttman, RN
- Ellen Makar, RN
- Che Pulse
- Jayne Ryzewski, RN
- Fred Stanley
- Jonathan Wrubel

### Goals

- Eliminate Re-entering Data
- Access Prevalence Data Immediately
- Use EMR Data to Pre-fill Common Fields:
  - Braden score
  - Patient Demographics
  - Prevention Interventions
- Use the data to assist in Preventative Care and improve efficiency

### Assessment

#### Functionality

- Interface with EMR to pre-fill relevant data
- Interactive Survey
- Required Assessment
- Accessible from a Computer on Wheels (COW) or Wireless On Wheels (WOW)

#### Reports

- XML for NDNQI
- Chart discrepancies
- Roll ups by Unit/Service Line

### Success Factors

- Reduced survey time and personnel hours
- Positive results of unit-based mini audits
- Are staff pleased with the process?
  - Minimal disruption
  - Improved access to unit data
- Can we leverage this success into other areas?

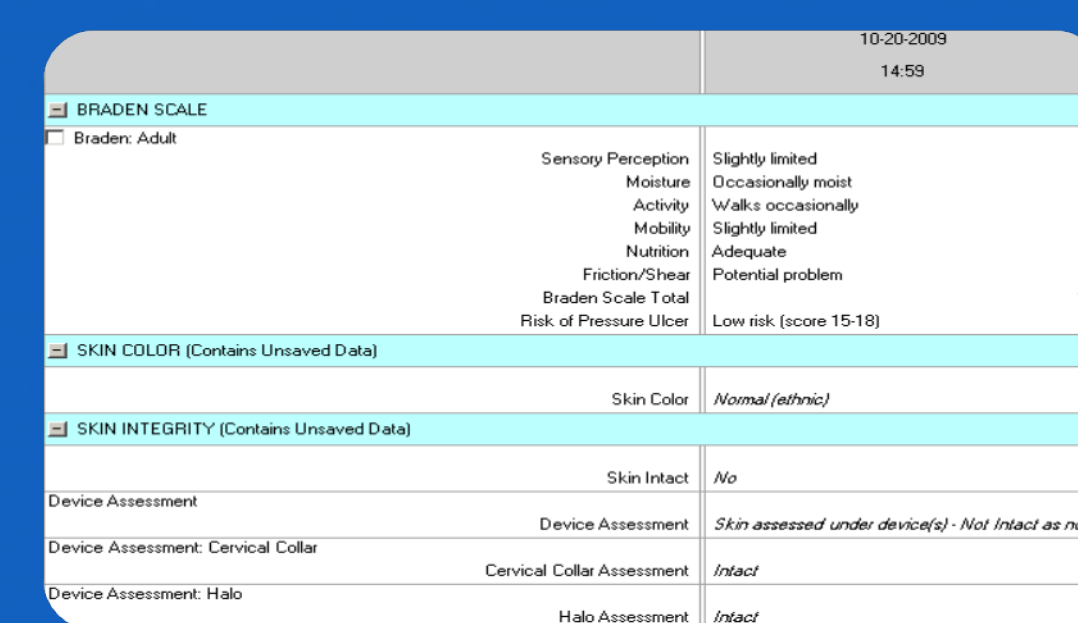
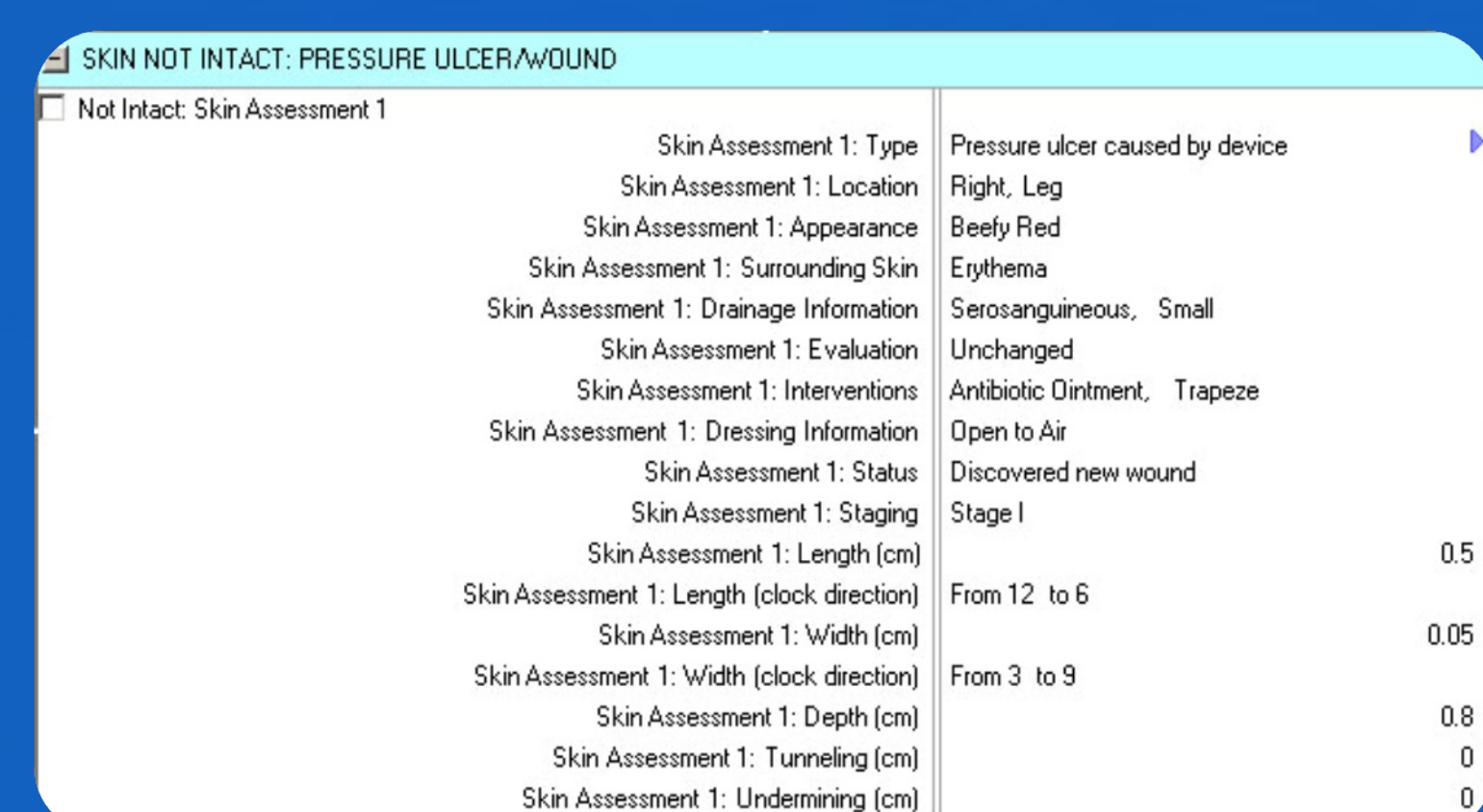


### The Plan

#### Utilize Electronic Medical Record (EMR) Assessment

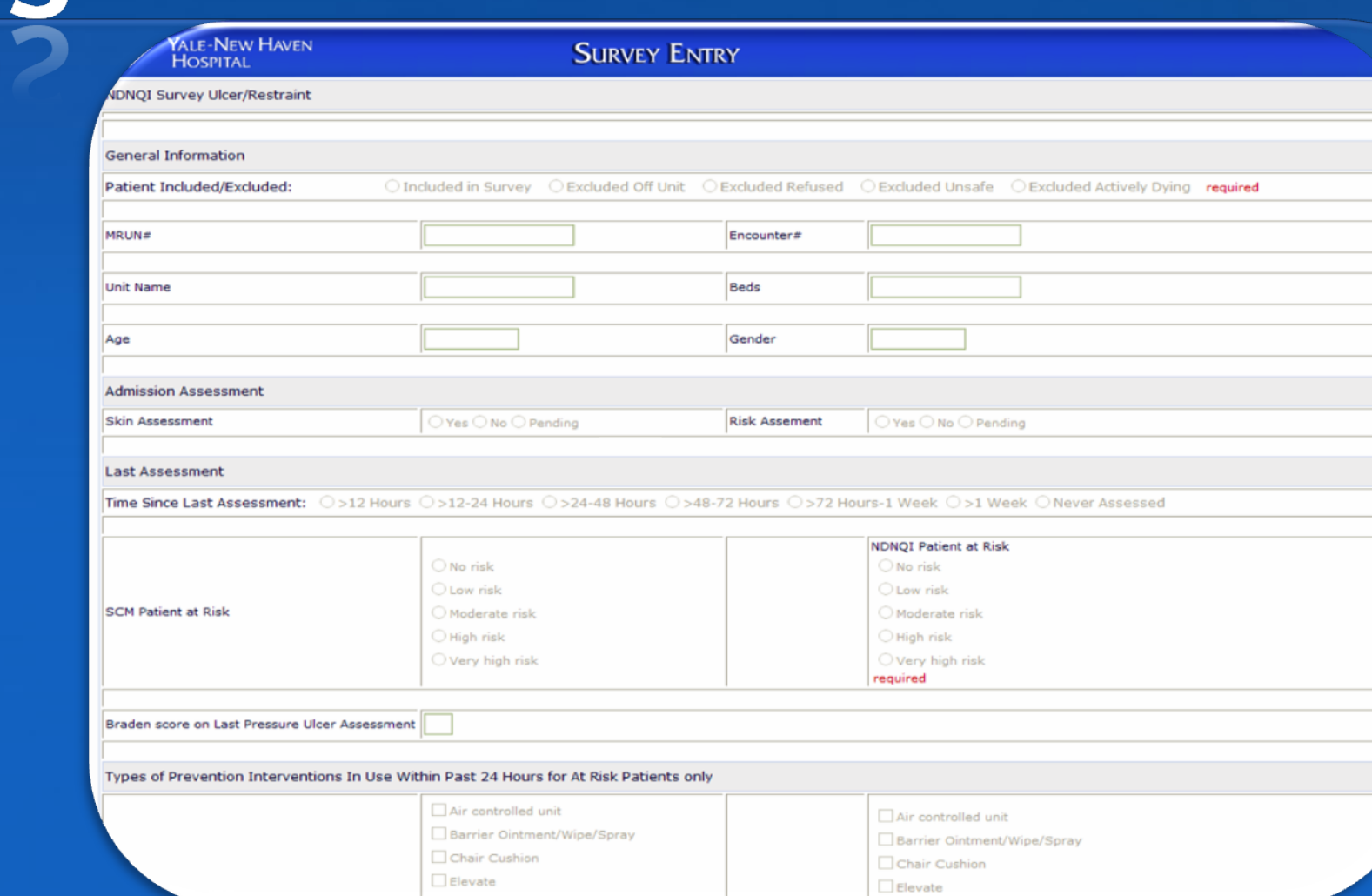
#### Nursing Assessment

- Initial Skin Assessment
  - Ordered Interventions
  - Multiple Ulcer Documentation
  - Braden Score
- Develop a web application to meet the assessment requirements
- Parallel Development with EMR Skin Assessment Screens
- Shadow
  - Observe current survey method
  - Capture process and “wish list” items



### Next Steps

- Pilot Roll-Out
- Review
- Modify
- Review Additional Uses



### Concept to Roll-Out Steps

