

## **Nurse Unique Identifier (NCSBN ID) ongoing Proof of Concept –**

**HCA Healthcare – Sponsor: Mr. Dan Roberts, RN, ACNP, PhD - VP Care Delivery and Performance, Clinical Operations Group**

1. NCSBN ID follows the career progression of an RN
2. We are witnessing a mobile workforce in nursing: moving closer to family, moving from facility to facility, much like travel nurses
3. We have key processes that we match nurse to documentation to understand his/her progression in the continuum of expertise
4. Therefore, we are able to analyze nursing practice at the patient level and aggregate across experiences, across geographic location, from the beginning of the nurse's career.

**University of Alabama in Huntsville – contact: Susan Alexander, DNP, CRNP, ADM-BC; Associate Professor, College of Nursing**

We are in an academic environment and our Proof of Concept is outlined below -

1. Following the career progression of a nursing student is essential for academic nursing programs, as a change in licensure following program completion is evidence of the student's successful result on a licensing/certification exam.
2. Regular updates of licensing status for nursing faculty and students' clinical preceptors is an additional need for educational programs.
3. We will use the eNotify system to acquire NCSBN ID and create regular notifications of licensing changes. NCSBN ID will be used in our internal various systems to keep track of nurse progression. The systematic notification will give us more accurate data on the licensure/certification exam pass rates of our students, along with the geographic distribution of current licensure status.

**Center for Medical Interoperability, Case Study - Digital Citizen RN Model Leveraging a Unique Identifier  
Contact: Kelly Aldrich DNP, MS, RN-BC - Informatics Nurse Specialist, Chief Clinical Transformation Officer**

The Center for Medical Interoperability (C4MI), a cooperative research and development laboratory, tested the NCSBN ID in a simulated cardiopulmonary resuscitation (CPR) scenario. This exercise aimed to assess the individual nurse as a Digital Citizen and the response team's interventions and performance during a CPR event.

Currently, objectively assessing a clinician's performance in real-time or longitudinally related to specific CPR interventions does not exist because there is no dynamic record of past events' performance. With real time analytics at the point of care, clinicians can receive guidance and feedback to maximize the effectiveness of interventions and protocols. New evidence suggests the benefits of understanding team and unique clinician capabilities exist in continuous knowledge development, improvement, and application.

This case study asserts the ability to bridge and synchronize disparate data streams to produce novel capabilities to assess caregiver performance during cardiopulmonary arrest events. The C4MI case study demonstrated how the known Digital Citizen RN caregiver within the response care team can intelligently coordinate patient care through the application of nurse's credentials via the NCSBN ID and CPR performance metrics. This real-time analysis can be used in event management and patient care team performance scoring with a unique nurse identifier.