



Big Data Unique Nurse Identifier Policy Statement

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About ANI

- **Our Vision:** Transform health and health care through nursing informatics.
- **Our Mission:** To advance nursing informatics practice, education, policy, research and leadership through a unified voice of nursing informatics organizations.



About ANI

- Co-sponsored by AMIA & HIMSS
- Advances nursing informatics leadership, practice, education, policy and research through a unified voice of nursing informatics organizations.
- A collaboration of more than 25 distinct nursing informatics groups globally representing more than 20,000 nurse informaticists.
- ANI crosses academia, practice, industry, and nursing specialty boundaries and works in collaboration with the more than 4 million nurses in practice today.



Purpose of Discussion Today

- Describe the need for a Unique Nurse Identifier to demonstrate the value of nursing care
- Discuss the background and Policy Statement for a Unique Nurse Identifier
- Share the current workflows and support for a Unique Nurse Identifier
- Engage ANI members in advocating for use of the Unique Nurse Identifier



Demonstrating the Value of Nursing Care through Use of a Unique Nurse Identifier

- Nursing's contribution to the health and care of individuals is often invisible, in part due to the absence of a Unique Nurse Identifier
- Nursing documentation can be used to:
 - capture social determinants of health data, improvements in health outcomes, patient safety, operational efficiency and clinical effectiveness



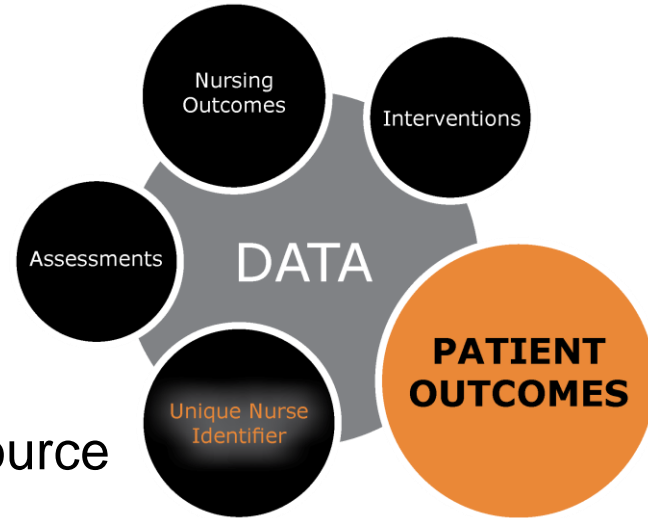
Demonstrating the Value of Nursing Care through Use of a Unique Nurse Identifier

- Health systems need the ability to uniquely identify nurses in the EHR, ERP and other technologies for documentation, education, research and training purposes
- Use of a unique identifier is instrumental to the aggregation, synthesis and publication of data and research demonstrating the value and contributions of nursing to better health outcomes



Implications of Using a Unique Nurse Identifier

- A Unique Nurse Identifier enables:
 - examination of the variability of direct nursing care time and costs, and the relationships between patient and nurse characteristics and costs
 - measurement of nursing's role in contributing to safe, effective healthcare practices and enhancing enterprise resource planning



Background

- A national action plan to make nursing data sharable, comparable, timely and more relevant to improving health is the foundation of the Nursing Knowledge: Big Data Science Initiative.
- The Policy and Advocacy Workgroup identified the need for a Unique Nurse Identifier to demonstrate the value and contributions of nursing care to improved patient outcomes.



Policy Recommendation

- The National Council of State Boards of Nursing (NCSBN) ID should be used by key stakeholders:
 - to serve as a nurse identifier to demonstrate the value of nursing through research
 - to enhance individual care and health outcomes via more comprehensive documentation in the EHR, ERP and other technologies and systems



Policy Recommendation

- The NCSBN ID is
 - automatically generated for each RN and LPN
 - freely available via the online Nursys database
- NCSBN maintains proper data security policies, procedures and requirements
- An API is available from NCSBN to onboard the NCSBN ID into healthcare provider systems, health IT systems and technologies



Approved ANI Policy Statement:

The NCSBN ID should be used by key stakeholders as a nurse identifier to demonstrate the value of nursing through research and enhance individual care and health outcomes via more comprehensive documentation in the EHR, ERP and technologies and systems.



Unique Nurse Identifier Workflows

- Use the NCSBN API to upload NCSBN ID for nurse employees to Enterprise Resource Planning (ERP) systems. Enables daily updates from NCSBN NurSys for maintenance purposes
- Upload NCSBN ID data (nurse records) to Electronic Data Warehouse
- Link NCSBN ID to employee information within clinical documentation systems
- Track patient outcomes, nurse outcomes, compliance, education/training needs



Support and Pilots

- EHR, ERP and other technology vendors have committed to leveraging the NCSBN ID in their systems
- Members of the HIMSS CNO-CNIO Vendor Roundtable have voiced support for the adoption of the NCSBN ID within their health IT technologies and systems
- Pilots are underway at HCA Healthcare, the Center for Medical Interoperability, and the University of Alabama School of Nursing



A Call to Action

- A unified voice is essential for advancing advocacy efforts to ensure adoption of a Unique Nurse Identifier for documentation, education, research and training purposes
- ANI and the Nursing Knowledge: Big Data Science Policy and Advocacy Workgroup recommend use of the NCSBN ID to enhance patient care and outcomes



'Ask' for ANI Members

- Disseminate the Unique Nurse Identifier ANI Policy Statement and related materials to your members.
- Access the ANI Policy Statement, a link to this webinar and other related materials, on the [ANI website](#) and share it via your website and social media platforms.
- Send feedback/progress on your activities to: whende@nurseevolution.com



Thank you!



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