Envisioning the Future of Nursing Informatics: the Future of Nursing 2020-2030 Report

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Meet Our Speakers

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Conflict of Interest

Neither speaker has any real or apparent conflicts of interest to report.
Agenda

• Context and Background
• Key Messages of the Report
• Data, Technology, and Informatics Aspects
• Nursing Informatics Recommendations
• Questions
Learning Objectives

• Outline the key messages from the Future of Nursing 2020-2030 Report
• Discuss the recommendations from an informatics perspective
• Highlight aspects of the report that are practice changes impacting nursing informatics
Why focus on Health Equity and Nursing?

- Impact of SDOH on health status
- Clear delineation of health inequities
- Capacity and potential contributions of the Nursing profession
Social Determinants of Health
Why focus on Health Equity and Nursing?

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- Capacity and potential contributions of the Nursing profession
The achievement of health equity in the United States should be built on strengthened nursing capacity and expertise.
What the Future of Nursing Report Isn’t

• More nurses doing more of the same
• Relevant to only subsets of nurses
The Vision

The systems that educate, pay, employ, and enable nurses need to:

- Permanently remove barriers
- Value nurses’ contributions
- Prepare nurses to advance equity
- Diversify the workforce
Racial and ethnic minorities account for 40 percent of the population but only 20 percent of the nursing workforce.
Too often, nurses are recognized by the media, the public, by policymakers only for what nurses do.

We are not recognized nearly enough for what we say.
Nurses’ voices ALWAYS add value
Future of Nursing – Leveraging Data, Technology, and Informatics
SDOH Data

- Tools for Collection
- Share Across Settings
- Incorporate into Nursing Practice
- Data on Environmental Factors

Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems
Unique Nurse Identifier

- Demonstrate Nursing Value through Research
- Associate Nurse Characteristics with Patient Characteristics
- Impact on Individual and Population Outcomes
Health IT Tools

- Increase Access
- Project a Caring Relationship
- Big Data Analyses
- Inform Design and Development
- Free of Bias
Technological Stress

- Connect to Nurse Well-Being
- Redesign of Clinical Documentation
- Examine Clinical Alarms and Alerts
Call for Nurse Informaticists

Use informatics processes to deliver safe nursing care to diverse populations in a variety of settings

- Implement digital technologies that facilitate the collection and integration of SDOH
- Leverage artificial intelligence and advanced visualization methods to summarize and contextualize SDOH data
- Analyze massive datasets to detect and track disease trends, identify disparities, and find patterns of correlation
Recommendation 6: Use Technology, Integrate SDOH data

All public and private health care systems should incorporate nursing expertise in designing, generating, analyzing and applying data to support initiatives focused on social determinants of health and health equity using diverse digital platforms, artificial intelligence, and other innovative technologies.
**Recommendation 6 (cont.)**

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<th>Sub-Recommendation</th>
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<tr>
<td>6.1 Integrate SDOH data and build a nationwide infrastructure</td>
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<td>6.2 Ensure that health equity data collaboratives improve visualization of data on SDOH</td>
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<td>6.3 Employ nurses with expertise in informatics to improve individual and population health</td>
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<td>6.4 Give nurses in clinical settings responsibility and associated resources to innovate and use technology</td>
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<td>6.5 Provide resources to facilitate telehealth by nurses</td>
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Questions

• Future of Nursing Report Website

• @NAMedicine #FutureofNursing2030

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