Nursing Informatics: Scope and Standards of Practice, Second Edition

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American Nurses Association
November 24, 2014
• Retired after 22 years of service as a Navy Nurse Corps officer

• Holds a Senior Policy Fellow position in ANA’s Department of Nursing Practice and Work Environment

• ANA portfolio consists of:
  – management of ANA’s scope and standards of practice and specialty recognition program
  – representation for healthcare consumers, nurses, and nursing at various health information technology tables and other venues

• Served as the workgroup facilitator and shepherd for the current edition and 2001 and 2008 nursing informatics scope and standards of practice publications
Objectives

• Identify the scope and standards development process

• Highlight key revisions in the 2015 edition and rationale for content

• List the NI standards of practice and professional performance
NI Scope and Standards Workgroup

- William Donovan, MA, RN, Chairperson
- Linda Dietrich, MSN, RN-BC, PMP, CPHQ
- Sandra Blair Ekimoto, BS, MBA, RN
- Paulette Fraser, MS, RN-BC
- Sharon Giarrizzo-Wilson, MS, RN-BC, CNOR
- Linda Harrington, PhD, DNP, RN-BC, CNS, CPHQ, CENP, CPHIMS, FHIMSS
- Luann Whittenburg, PhD, RN-BC, FNP-BC, CPHQ, CPHIMS
- Kathleen “Katie” Hoy Johnson, DNP, RN-BC, NCSN
- Mary Lynn McHugh, PhD, RN
- Leigh Ann Chandler Poole, PhD, FNP-BC, CRNP, RN
- Cheryl D. Parker, PhD, RN-BC, FHIMSS
- Troy Seagondollar, MSN-I, RN-BC
- Nadia Sultana, DNP, MBA, RN-BC
Workgroup Selection and Commitment

• Call for applications – late 2011
• Established workgroup and smaller advisory group
• Began work in April 2013
• 2 hour conference calls twice a month in the beginning
• Hiatus during public comment period
• 2 hour conference calls weekly to review public comments
• Final conference call July 7, 2014
Definition of Nursing

Nursing is the:

• Protection, promotion, and optimization of health and abilities,

• Prevention of illness and injury,

• Alleviation of suffering through the diagnosis and treatment of human response, and

• Advocacy in the care of individuals, families, communities, and populations.
Model of Professional Nursing Practice Regulation

- Quality
  - Self Determination
  - Institutional Policies and Procedures
  - Nurse Practice Act and Rules and Regulation
  - Nursing Professional Scope of Practice, Standards of Practice, Code of Ethics, and Specialty Certification

- Safety

- Evidence

Comprised of:

• Scope of Practice Statement

• Standards of Practice and Professional Performance

• Appendix – Emerging Wisdom Model

• Appendix – Nursing Informatics: Scope and Standards of Practice, 2008 edition
Nursing informatics (NI) is the specialty that integrates nursing science with multiple information management and analytical sciences to identify, define, manage, and communicate data, information, knowledge, and wisdom in nursing practice. NI supports nurses, consumers, patients, the interprofessional healthcare team, and other stakeholders in their decision-making in all roles and settings to achieve desired outcomes. This support is accomplished through the use of information structures, information processes, and information technology.
Scope of Practice Statement Addresses Who, What, When, Where, How, Why, and Functional Roles

- Clinical nurse – need for informatics competencies addressed
- Informatics Nurse (IN) – experience based
- Informatics Nurse Specialist (INS) – graduate level preparation
- Brief descriptions of diverse functional roles
- Enumeration of NI competencies resources
- Discussion of the nine Code of Ethics provisions
Standards of Professional Practice

• Standards are authoritative statements of the duties that all registered nurses, regardless of role, population, or specialty, are expected to perform

• Include Standards of Practice and Standards of Professional Performance

• Each standard is accompanied by competencies for all nurses, with additional competencies for APRNs informatics nurse specialists
Standards of NI Practice

Standards of Practice (Nursing Process)

Standard 1. Assessment
The informatics nurse collects comprehensive data, information, and emerging evidence.

Standard 2. Diagnosis, Problems, and Issues Identification
The informatics nurse analyzes assessment data to identify diagnoses, problems, needs, issues, and opportunities for improvement.
Standards of NI Practice

Standards of Practice

Standard 3. Outcomes Identification

The informatics nurse identifies expected outcomes for a plan individualized to the healthcare consumer or the situation.

Standard 4. Planning

The informatics nurse develops a plan that prescribes strategies, alternatives, and recommendations to attain expected outcomes.
Standards of NI Practice

Standards of Practice

Standard 5. *Implementation*

The informatics nurse implements the identified plan.

Standard 5A. *Coordination of Activities*

The informatics nurse coordinates planned activities.
Standards of NI Practice

Standards of Practice

Standard 5B. *Health Teaching and Health Promotion*

The informatics nurse employs informatics solutions and strategies for education and teaching to promote health and a safe environment.
Standards of NI Practice

Standards of Practice

Standard 5C. Consultation

The informatics nurse provides consultation to influence the identified plan, enhance the abilities of others, and effect change.

Standard 6. Evaluation

The informatics nurse evaluates progress toward attainment of outcomes.
Standards of NI Practice

Standards of Professional Performance
(Conduct and Context of Practice)

Standard 7. Ethics
The informatics nurse practices ethically.

Standard 8. Education
The informatics nurse attains knowledge and competence that reflect current nursing and informatics practice.
Standards of NI Practice

Standards of Professional Performance

Standard 9. Evidence-Based Practice and Research

The informatics nurse integrates evidence and research findings into practice.

Standard 10. Quality of Practice

The informatics nurse contributes to quality and effectiveness of nursing and informatics practice.

(Includes certification for informatics nurse specialist)
Standards of NI Practice

Standards of Professional Performance

Standard 11. *Communication*
The informatics nurse communicates effectively in a variety of formats in all areas of practice.

Standard 12. *Leadership*
The informatics nurse demonstrates leadership in the professional practice setting and the profession.
Standards of NI Practice

Standards of Professional Performance

Standard 13. **Collaboration**
The informatics nurse collaborates with the healthcare consumer, family and others in the conduct of nursing and informatics practice.

Standard 14. **Professional Practice Evaluation**
The informatics nurse evaluates their own nursing practice in relation to professional practice standards and guidelines, relevant statutes, rules, and regulations.
Standards of NI Practice

Standards of Professional Performance

Standard 15. *Resource Utilization*

The informatics nurse employs appropriate resources to plan and implement nursing informatics and associated services that are safe, effective, and fiscally responsible.

Standard 16. *Environmental Health*

The informatics nurse supports practice in a safe and healthy environment.
Resource - Available December 1, 2014

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- www.Nursesbooks.org
- Phone order: 800-637-0323
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- Institutional license available for organizational intranet posting
Questions and Discussion

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