



The Scope of Nursing Informatics Practice

- Definition of Nursing Informatics of Nursing Informatics
- Metastructures, Concepts, and Tools
 - Metastructures: Data, Information, Knowledge, and Wisdom
 - Integration of Nursing Informatics into Practice
 - Nursing Informatics Practice
 - Tenets of Nursing Informatics
 - Nursing, the Nursing Process, and Vocabularies
 - Concepts and Tools from Information Science and Computer Science
 - User Experience and Related Concepts
 - Phenomenon of Nursing
- Functional Areas of Nursing Informatics
 - Administration, Leadership, and Management
 - Systems Analysis and Design
 - Compliance and Integrity Management
 - Consultation
 - Coordination, Facilitation, and Integration
 - Development of Systems, Products, and Resources
 - Education and Professional Development
 - Genetics and Genomics
 - Information Management and Operational Architecture

- Policy Development and Advocacy
- Quality and Performance Improvement
- Research and Evaluation
- Safety, Security, and Environmental Health
- Integrated Functional Area Example: Telehealth and Informatics
- Evolution of Informatics Competencies
- Informatics Competencies Requisite for All Registered Nurses
- Research About Nursing Informatics Competencies
- Professional Organization Discussions on Informatics Competencies
 - Healthcare Leadership Alliance
 - American Organization of Nurse Executives
 - Quality and Safety Education for Nurses
 - National League for Nursing
 - TIGER Initiative Foundation
- Informatics Competencies: Spanning Careers and Roles
- Informatics Competencies for Informatics Nurses and Informatics Nurse Specialists
- Informatics Competencies for Nurse Educators
- Office of the National Coordinator for Health Information Technology
- Synthesis of Evolution of NI Competencies
- Preparation for Nursing Informatics Specialty Practice
- Certification of Informatics Nurses
- An Advancing Professional Nursing Specialty
- Ethics in Nursing Informatics
- The Future of Nursing Informatics
 - Trends in Practice Roles and Competencies for Nurses and Informatics
 - Trends in Technology
 - Nanotechnology
 - Tools for Managing Population Health Concerns
 - Devices and Hardware
 - Robotics
 - Focus on Emerging Technologies
 - Knowledge Representation
 - Educational Technologies
 - Tools for Patient Access to Health Information
 - Expanded Use of IT in Nursing
 - Implications for Nursing Informatics
 - Trends in Regulatory Changes and Quality Standards
 - Trends in Care Delivery Models and Innovation
 - Consumer Informatics
 - External Partnerships
 - Implications for Nursing Informatics
- NI Future and Trends: Summary

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Contents – *Nursing Informatics: Scope and Standards of Practice* 2nd Edition (2014)

Standards of Nursing Informatics Practice

Standards of Practice for Nursing Informatics

Standard 1. Assessment

Standard 2. Diagnosis, Problems, and Issues

Identification

Standard 3. Outcomes Identification

Standard 4. Planning

Standard 5. Implementation

Standard 5a. Coordination of Activities

Standard 5b. Health Teaching and Health Promotion

Standard 5c. Consultation

Standard 6. Evaluation

Standards of Professional Performance for Nursing Informatics

Standard 7. Ethics

Standard 8. Education

Standard 9. Evidence-Based Practice and Research

Standard 10. Quality of Practice

Standard 11. Communication

Standard 12. Leadership

Standard 13. Collaboration

Standard 14. Professional Practice Evaluation

Standard 15. Resource Utilization

Standard 16. Environmental Health

Glossary

References

Appendix A. An Emerging Model of Wisdom

Appendix B. *Nursing Informatics: Scope and Standards of Practice* (2008)