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
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)