



The Scope of Nursing Informatics Practice

Introduction

Metastructures, Concepts, and Tools of Nursing Informatics

Metastructures: Data, Information, Knowledge, and Wisdom

Sciences Underpinning Nursing Informatics

Language as a Tool for Nursing Informatics

Concepts and Tools from Information Science and Computer Science

Human-Computer Interaction and Related Concepts

Phenomena of Nursing

References: Introduction, Metastructures, Concepts, and Tools

Functional Areas for Nursing Informatics

Administration, Leadership, and Management

Analysis

Compliance and Integrity Management

Consultation

Coordination, Facilitation and Integration

Development

Education and Professional Development

Policy Development and Advocacy

Research and Evaluation

Integrated Functional Areas: Telehealth and Telenursing as Exemplar

NI Functional Areas: Conclusions

References: Functional Areas

Informatics Competencies

The Intersection of Informatics Competencies and NI Functional Areas

A New Competencies Matrix

Competencies and Metastructures

Work in Progress

NI Competencies: Conclusion

References: Competencies

The Integration of Nursing Informatics

The Boundaries of Nursing Informatics

Tenets of Nursing Informatics

Ethics in Nursing Informatics

The Future of Nursing Informatics

Trends in Positions and Competencies for Nurses and Informatics

Trends in Technology

Trends in Healthcare Delivery and Regulation

NI Future and Trends: Conclusions

References (Future and Trends)

Standards of Nursing Informatics Practice

Overarching Principles for Nursing Informatics Practice

Standards of Practice

- Standard 1. Assessment
- Standard 2. Problem 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, and Education
 - Standard 5c. Consultation
- Standard 6. Evaluation

Standards of Professional Performance

- Standard 7. Education
- Standard 8. Professional Practice Evaluation
- Standard 9. Quality of Practice
- Standard 10. Collegiality
- Standard 11. Collaboration
- Standard 12. Ethics
- Standard 13. Research
- Standard 14. Resource Utilization
- Standard 15. Advocacy
- Standard 16. Leadership

Glossary

Appendix A. *Scope and Standards of Nursing Informatics Practice* (2001)

Appendix B. *Standards of Practice for Nursing Informatics* (1995)

Appendix C. *Scope of Practice for Nursing Informatics* (1994)

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