

Tutorial: NR 360: Nurse's Touch: Nursing Informatics and Technology

Module: Informatics

Introduction

- Module introduces you to important concepts of
 - informatics
 - nursing informatics
 - electronic healthcare information
- Providers and clients are beginning to use **electronic devices**
 - informs and manages health-related data
 - stores med orders and treatments
 - schedules appointments and access personal health information (via Portals on the internet)
- As a nurse:
 - may not even have to leave the office to care for a client at home
 - **webcams**
 - collects assessment data
 - analyzes and reports nursing-sensitive outcomes to team
- Healthcare personnel must handle information confidently and securely
 - facilities publish confidentiality guidelines
 - federal initiatives:
 - 1. The American Recovery and Reinvestment Act
 - 2. The Health and Insurance Portability and Accountability Act (HIPPA)
- **Universal language system**
 - helps compare & analyze info to improve client care
- **Uniform taxonomies**
 - facilitates communication
 - nursing diagnosis
 - definitions and classifications (NANDA)
 - Nursing interventions (NIC)
 - Nursing outcomes (NOC)
 - Omaha systems

Meaning of Informatics:

- **Use of informatics**
- **Goals of Informatics:**
 - combine, manage nursing, computer science to effectively communicate data, knowledge
 - improve healthcare delivery, efficiency
 - facilitate integration of data, information, and knowledge to aid in decision making.
- **The Digital Health Care Community +**
 - serves clients, team members