Concept Analysis Diagram – Health Information Technology

Nursing Practice
- Directed toward what contributes to a normal concept and is thereby related to all factors involved in or with the concept.

Attributes
- Defining characteristics of the concept
- What property, quality, or data must be present for the concept to exist

Antecedents
- What precedes the concept for it to exist
- Events or incidents that must happen before the concept

Consequences
- Untoward events or outcomes that occur due to malfunction within the concept
- Positive events or outcomes that occur due to proper functioning within the concept

Interrelated Concept
- Concepts which can affect change in the other
- Concepts which work together to ensure a normal process
- Concepts which if depleted or impaired can cause a negative consequence in the other

Sub-Concept
- Critical components of major concept

Nursing Practice

Attributes
Technology and Information
Used to Support:
Clinical Judgment
Error Prevention
Care Coordination

Antecedents
Hardware and Software
Multiple Patient Data Available
Data Standards and
   Terminology
Policies and Procedures
Privacy and Security
Informatics Workforce
Organizational Skills

Health Information Technology
The application of information processing involving both computer hardware and software that deals with the storage, retrieval, sharing, and use of health care information, data, and knowledge for communication and decision making. (B&T)

Interrelated Concepts
- Communication
- Health Policy
- Teamwork and Collaboration
- Safety
- Patient-Centered Care

Consequences (Outcomes)

Sub - Concepts
- Electronic Health Record
- Meaningful Use
- Health Information Exchange
- Nursing Informatics

Positive
- Support Practice
- Confidentiality
- Information Transferability
- Accurate Information at the Point of Care
- Reduction in Practice Errors
- Continuity of Care

Negative
- Sentinel Event
- Errors in Patient Care
- Documentation Errors
- Breach in Confidentiality
- Inaccurate Decisions