TECHNOLOGICAL COMPETENCY AS CARING IN NURSING: OVERVIEW OF A MODERN MODEL FOR PRACTICE
Objectives

• To explain an overview of Dr. Rozzano Locsin’s Theory of Technological Competence as Caring in Nursing

• To describe how the theory defines the nursing metaparadigm concepts

• To discuss an abbreviated analysis of the theory

• To explain the results of a study which incorporates Locsin’s theory

• To illustrate the practical application of Dr. Locsin’s theory to present and future nursing practice

• To discuss the link between nursing theory and practice
“Technological competency as caring in nursing is a conceptual model that presents the link between technology and caring in nursing as coexisting harmoniously” (Locsin, 2005, p. 6).
Metaparadigm Concepts

• **Nursing**
  - “Nurses value technological competency as an expression of caring in nursing” (Locsin, 2013).

• **Health**
  - Humanity is preserved by technology
  - “An experience that is often expressed in terms of wellness and illness, and may occur in the presence or absence of disease” (Nursing Scope and Standards of Practice, 2010, p. 65)
Metaparadigm Concepts

- **Environment**
  - Environment as the technological world in which we live

- **Person**
  - Patients seen as “participants in their care rather than object of nurse care” (Locsin, 2013).
  - Describes persons as human beings who are whole and complete in any moment (Locsin, 2005)
Analysis

• Accuracy
• Simplicity
• Scope
Analysis

• Acceptance

• Socio-cultural Utility
KNOWING THE OCCASION OF A PEACEFUL DEATH IN INTENSIVE CARE UNITS IN THAILAND

Description of the Article

- “The purpose of this study was to describe how nurses know the occasion of a peaceful death” (Kongsuwan, Locsin, & Schoenhofer, 2011, p.41.)

- The study is qualitative

- Four areas of patient knowing are identified in the study:
  - Visual Knowing
  - Technological Knowing
  - Intuitive Knowing
  - Relational Knowing
How is the theory reflected in this research?

• Know who is the person not what is the person (Locsin, 2005)
• Caring through technological competency is used to know a person in their wholeness (Locsin, 2005)
• The nurse, with all of the technological expertise, accepts the patient fully as a human being (Locsin, 2005)
How would the study have been different without the framework of Locsin’s theory?

- Locsin’s framework is needed to incorporate knowing of the patient in their wholeness during the dying process.
- Patient and family experiences may not have been as positive.
- Without Locsin’s theory as a framework, the results may have been purely anecdotal or data based from the use of technology.
Practical Application

- May have more practical use in highly technological areas of nursing:
  - Emergency Departments
  - Labor and Delivery
  - Intensive Care Units
  - Surgery

Labor and Delivery Example:
What is the link between theory and practice?

- Nursing theories can provide a basis for practice for nurses by guiding nurses in their:
  - Organization, analysis and understanding of patient data
  - Decisions about nursing interventions
  - Planning of patient care
  - Prediction of outcomes of care
  - Evaluation of patient outcomes

(Tomey & Alligood, 2002)
Theory and practice cont’d

• Use of nursing theory may also provide direction for future research

• “The scientific body of nursing knowledge is growing... and it is every nurses’ responsibility to facilitate the use of nursing knowledge in practice” (LoBiondo-Wood & Haber, 2006, p.442)
References


