**RNSG 2371**

**Concept-Based Transition to Professional Nursing Practice**

**Concept – EVIDENCE BASED PRACTICE**

**Concept Definition**

Integrates best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care.

**Exemplars**

*Best practices & Standards* (Diabetes)

*Best practices & Standards* (Chronic Obstructive Pulmonary Disease [COPD])

**Objectives**

1. Explain the concept of EBP (including definition, antecedents, and attributes).
2. Demonstrate knowledge of basic scientific methods and processes.
3. Describe EBP to include the components of research evidence, clinical expertise and patient/family values.
4. Differentiate clinical opinion from research and evidence summaries.
5. Describe reliable sources for locating evidence reports and clinical practice guidelines
6. Explain the role of evidence in determining best clinical practice.
7. Discuss ways to apply evidence in practice.
8. Explain how nursing research improves nursing practice.
9. Identify best practices for the management of COPD.
10. Identify best practices for the management of diabetes.

**Concept Analysis Diagram**

Note: Diagram on separate page.

Explanation of Evidence-Based Diagram:

Antecedents found on the Evidence-Based Practice (EBP) diagram address what must be present prior to utilization of Evidence-Based Practice taking place. The nurse must first identify the problem. The nurse must understand the importance of research in nursing. In applying EBP, the nurse must identify and uphold the patient/family preferences and values.

If the antecedents are satisfactorily met, then utilization of EBP can occur. The success is measured by the attributes found on the EBP diagram. The nurse evaluates the replicability (ability to be reproduced), reliability, and validity. The nurse should also demonstrate individualized care when applying EBP.

The nurse seeks to verify Positive Outcomes by being able to validate the effectiveness of the nursing interventions utilized while affording the patient cost effective nursing care. Utilization of EBP ensures credibility of the nursing profession, provides accountability for nursing practice, and promotes EBP utilization in nursing practice.

The nurse would evaluate for Negative Outcomes by identifying ineffective utilization of resources when seeking EBP information. The nurse might be able to identify the gap between knowledge and practice EBP. Also, unsatisfactory patient outcomes would be identified.

Interrelated Concepts to EBP include clinical judgment and application of ethical and legal precepts. The nurse would utilize informatics and facilitate quality improvement. EBP would be incorporated in the development and application of health policies.

Sub-concepts offer guidelines which support the occurrence of EBP. The nurse evaluates evidence offered and becomes a consumer of research.

**Assignments**

**Prior to class:**

1. Review definitions of inter-rated concepts on concept analysis diagram.

2. Review concept analysis diagram.

3. Review assigned reading:

* Berman, A. & Snyder, S. (2012). *Kozier & Erb’s Fundamentals of Nursing*.

Boston: Pearson.

* Chapter 2: Evidence-Based Practice and Research in Nursing
* Giddens, J.F. (2013). *Concepts for nursing practice.* St. Louis. MO: Mosby

Elsevier.

* Chapter 45: Evidence
* Zerwekh, J. & Claborn, J. (2012). *Nursing today: Transitions and trends (7th.*

*ed.*). Philadelphia: Saunders.

* Chapter 24: Using Nursing Research In Practice

4. Internet resources to review:

* + Critical Thinking in the Nursing Process

<http://mcom.alexanderstreet.com.proxy.tvcc.edu:2048/view/1665440>

* Evidence-based Nursing

<http://www.youtube.com/watch?v=h7-b9Z6eNms>

* Evaluating Websites

<http://www.youtube.com/watch?v=J_qR5lpnXBE>

* QSEN Institute: Evidence-based practice

<http://qsen.org/competencies/pre-licensure-ksas/#evidence-based_practice>

* Corbridge, S., Wilken, L., Kapella, M. C., & Gronkiewicz, C. (2012). An evidence-based approach to COPD: Part 1. *American Journal of Nursing, 112*(3), p 46-57.

<http://journals.lww.com/ajnonline/Fulltext/2012/03000/An_Evidence_Based_Approach_to_COPD___Part_1.22.aspx>

* Agency for Healthcare Research and Quality:

<http://www.ahrq.gov/>

* Google Scholar:

<http://scholar.google.com/intl/en-US/scholar/about.html>

* Evaluate a website tutorial

<http://www.youtube.com/watch?v=J_qR5lpnXBE>

5. Review the following Nursing Diagnoses:

* Deficient knowledge

**Concept content outline:**

Concept: Evidence Based Practice

Sub Concepts: Consumer of Research

Evaluation of Evidence

Positive Outcomes:

Validate Effectiveness of Nursing Interventions

Ensure Credibility of the Nursing Profession

Provide Accountability for Nursing Practice

Promote EBP in Nursing Practice

Cost Effective Nursing Care

Negative Outcomes:  
 Ineffective Utilization of Resources

Unsatisfactory Patient Outcomes

Gap between Knowledge and Practice

Exemplars:

*Best practices & Standards* (Diabetes)

*Best practices & Standards* (Chronic Obstructive Pulmonary Disease [COPD])

Identify and analyze EBP resources in research of best practices & standards.

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