**NURSING SCIENCE**

***Competencies:******724.8.5: Foundations of Inquiry -****The graduate differentiates between quality improvement processes, evidence based practice and research.****724.8.6 Literature Review and Analysis -****The graduate demonstrates knowledge of the process and outcomes of conducting a literature review.****724.8.7: Ethics and Research -****The graduate demonstrates understanding of the ethics of nursing research particularly human subjects’ protections, informed consent and alignment with patient and family values and preferences.****724.8.8: Patient Outcomes -****The graduate discriminates between identified standards and practices that do not provide improvements in patient outcomes utilizing relevant sources of evidence and the application of nursing theory.****724.8.9: Data Collection, Analysis, and Dissemination -****The graduate describes the process of data collection, analysis and implementation of evidence that can improve clinical practice from an interprofessional perspective.*

**Introduction:**

In this task, you will identify a healthcare problem and develop a question that can be informed by evidence. You will identify a single intervention and then search for five research articles and two non-research articles that support that intervention.

**Requirements:**

*Your submission must be your original work. No more than a combined total of 30% of the submission and no more than a 10% match to any one individual source can be directly quoted or closely paraphrased from sources, even if cited correctly. Use the Turnitin Originality Report available in Taskstream as a guide for this measure of originality.*

*The rubric provides detailed criteria for evaluating your submission. You are expected to use the rubric to direct the creation of your submission. Each requirement below may be evaluated by more than one rubric aspect. The rubric aspect titles may contain hyperlinks to relevant portions of the course.*

A.  Write a brief summary (*suggested length of 2–3 pages*) of the significance and background of a healthcare problem by doing the following:

1.  Describe a healthcare problem.

*Note: A healthcare problem can be broad in nature or focused.*

2.  Explain the significance of the problem.

3.  Describe the current practice related to the problem.

4.  Discuss how the problem impacts the organization and/or patient’s cultural background (i.e., values, health behavior, and preferences).

B.  Complete the attached “PICO Table Template” by identifying *all* the elements of the PICO.

1.  Develop the PICO question.

C.  Describe the search strategy (*suggested length of 1–2 pages*) you used to conduct the literature review by doing the following:

1.  Identify the keywords used for the search.

2.  Describe the number and types of articles that were available for consideration.

a.  Discuss **two** research evidence and **two** non-research evidence sources that were considered (levels I–V).

*Note: Be sure to upload a copy of the full text of the aritcles with your submission*

D.  Complete the attached “Evidence Matrix” to list **five** research evidence sources (levels I–III) from scholarly journal sources you locate in major medical databases.

*Note: Four different authors should be used for research evidence. Research evidence must not be more than five years old.*

*Note: You may submit your completed matrix as a separate attachment to the task or you may include the matrix within your paper, aligned to APA standards.*

*Note: Be sure to upload a copy of the full text of the articles with your submission.*

E.  Explain a recommended practice change (*suggested length of 1–3 pages*) that addresses the PICO question within the framework of the evidence collected and used in the attached “Evidence Matrix.”

F.  Describe a process for implementing the recommendation from part E (*suggested length of 2–3 pages*) in which you do the following:

1.  Explain how you would involve **three** key stakeholders in the decision to implement the recommendation.

2.  Describe the specific barriers you may encounter in applying evidence to practice changes in the nursing practice setting.

3.  Identify **two** strategies that could be used to overcome the barriers discussed in F2.

4.  Identify **one** indicator to measure the outcome related to the recommendation.

G.  Acknowledge sources, using APA-formatted in-text citations and references, for content that is quoted, paraphrased, or summarized.