[Assignment Overview Transcript](https://chamberlain.instructure.com/courses/78271/assignments/2547160?module_item_id=11258360" \o "Click to expand)

Hi students, this is Dr. S. T., course leader for NR439. And I would like to welcome you to a short tutorial to assist you in completing your week three problem/PICOT/Evidence Search (PPE) worksheet assignment.

The purpose for completing the PPE is for you to identify an independent nursing problem and apply a process worksheet to help you develop a clinical question and search for evidence using a credible online database. According to AACN, collaborative identification and interpretation of practice problems is a requirement of professional nursing practice.  Locating and summarizing literature is necessary for evidence based nursing practice as outlined in both AACN and QSEN.

The assignment directions and rubric are located under the week three module. It is essential that you read over each of the directions as these have key instructions and helpful hints to complete the required worksheet. I encourage you to read the directions first, and then download your required worksheet located here, read over the practice based scenario, and your grading rubric which is located beneath the practice based scenario.  Be sure again that you are using your grading rubric to complete the required worksheet.  Your instructor will use the grading rubric to evaluate each of the criteria you will be completing.  Please be sure that you complete the assignment using that first column to be sure you capture all available points for that criteria.

Before you begin completing the worksheet, you must be sure that you read over the Assignment Practice Scenario.  This scenario mimics something that could be experienced in clinical nursing practice.  It includes you being assigned to a nursing evidence based committee and as a committee member you are required to complete the PPE worksheet.  After reading the assignment practice scenario, you are to select one of the key nursing independent practice issues from this list of familiar quality and safety clinical problems. Again, you are to choose only one problem area.

There are several helpful links located in your directions for this assignment. The PPE worksheet is required and must be complete the PPE worksheet that is available here. You can download from this link. Please make sure that you use the current worksheet for the session you are taking the course.  You also have some helpful sources from the library located here.  You also have your NR439 Guide for Writing PICOT Questions and Examples that you need to use to help you be successful in writing a PICOT question.  If you are interested in practicing writing PICOT questions, please be sure that you visit your week 2 lesson area and scroll down to the practice case studies designed to assist with practicing, creating, and writing PICOT formatted clinical questions.

Here is an example of a completed PPE worksheet.  The following is an example only.  You will notice that I have a chosen a problem that is not one of the practice problems as this is an illustration only.  You must use your grading rubric to ensure you are meeting all elements of the required assignment.  I have chosen a clinical nursing problem of smoking and you will notice that I have done some preliminary search of evidence on this problem.  In doing so, I came across this study by Panpakdee indicating a nursing model as an intervention that demonstrated an impact on reducing patient smoking. I have summarized why I believe this problem is important and supported with the evidence I located and I summarized why I chose the problem.  The next criteria is the clinical nursing PICOT question and I used the NR 439 Guide for Writing PICOT Questions and Examples to create my question. From that question, you can copy and paste the PICOT elements into the define PICOT elements criteria. For the evidence retrieval process and summary, you need to complete the list of criteria.  It includes using only the CCN library, and I located nursing evidence related to my problem and I explained why I believe the evidence is nursing related and why I chose the evidence. I also provided a complete APA reference which includes the authors, the year, the title of the evidence and the name of the resource that it came from.  The study was completed within the last 10 years and I also provided the permalink. Directions for providing the permalink is located in the guidelines located here.  Next, you will see I summarized the study by discussing what I learned and why I believe the nursing evidence based practice committee should focus their next research project on the problem I chose.

The next element is the evidence search terms which requires you to select key terms you used when searching for evidence.  You will see the terms that I used are indicated here.  I want to encourage you to use the terms nursing interventions and your problem.  Doing so will bring up evidence related to your subject. Here you wills see an example of some studies and evidence that came up in the library I used the words nursing interventions and smoking. Finally, you want to select 4 or more key evidence search strategies you used.  I want to point out that I did provide the resources that I used in completing this assignment.  This is not required but highly encouraged as we are learning we need to support our thinking and discussions with evidence.

The PPE worksheet assignment is worth 175 points. I want to point out that you need to use scholarly writing, spelling, grammar, and complete sentences.  Be sure you are using mostly your own words to answer questions and use in-text APA citations for any paraphrased sentences.  You will can find APA resources as well as writing assistance in your resource tab.  
  
Have fun completing this extremely valuable learning activity!  This activity is a great way to help support your knowledge of how to utilize research and evidence-based practice as a BSN.  As always, please contact your NR439 instructor with any questions.

Assignment Practice Scenario

Your Chief Nurse Executive (CNE) recognizes you are pursuing your BSN and has asked you to be a member of the nursing evidence-based practice (NEBP) committee. She has advised the members that the purpose is to conduct nursing research studies involving clinical practice problems. Increasing nurses' awareness of quality and safety concerns will help develop an attitude of inquiry and asking questions (Sherwood & Barnsteiner, 2017). Baccalaureate nurses "collaborate in problem identification, participate in the process of search, retrieval, and documentation of evidence, and integrate evidence using credible databases and internet resources" (AACN, 2008, pp. 16-17).

The CNE has advised all members of the following areas of *quality* and *safety* clinical practice that each committee member needs to consider and choose ***only one*** as a priority area for conducting a research study. Sources of research problems come from nursing clinical practice (Houser, 2018):

| **Quality** | **Safety** |
| --- | --- |
| * Patient satisfaction * Patient education | * Falls |
| * Non-pharmacological pain management | Errors. Examples include:   * Medication * Patient identification * Communication |
| * Readmissions * Length of stay * Costs | Healthcare Associated Infections (HAIs).  Examples include:   * Central Line Associated Blood Stream Infections (CLABSI) * Catheter Associated Urinary Tract Infections (CAUTI) * Ventilator Associated Pneumonia (VAP) * Surgical Site Infections (SSI) * Sepsis (Screening or Prevention) |
| * Discharge Teaching/Coaching * Transitions of Care/Level of Care | * Pressure Ulcers * Skin Integrity |

Your CNE has requested that you select **ONLY *one topic area*** and complete the PPE Worksheet using only **one** topic area. The committee will collaborate and decide as a team which nursing clinical problem area will be the priority focus of their next research study. Thank you for your valuable contributions to this important NEBP committee.

# **NR 439 PICOT Question Guide**

The following contains PICOT question guides/templates to use to help write questions using all of the PICOT elements. Each template contains a guide that you can use to write a complete PICOT question, examples of PICOT elements, and illustrations[[1]](#endnote-1). Review some tips and hints below to *think about* for each of the PICOT elements that can help create a sound clinical nursing PICOT question:

**P=Population of patients**: *Think about* a group of patients you are interested in studying—identify the group by age ranges, diagnosis/disease of interest, history or length of time with the diagnosis/disease of interest, location, unit, or setting, gender type (if applicable), race (if applicable), or other identifiable characteristics such as Medicare, Medicaid, immobile, ventilated, inpatient, outpatient, etc.

**I=Intervention**: *Consider* the nursing action or intervention you are thinking that would make a difference? From your search for evidence, what is the evidence indicating that nurses can do to help improve the problem or issue you have chosen?

**C=Comparison**: *Think about* comparing to the intervention of interest or the alternative such as routine/standard care. If no comparison, state *not implementing the intervention* or *no comparison group*.

**O=Outcome**: *Reflect upon* what would be the measurable, relatable indicator that would demonstrate the intervention is making a difference or not? What would be the needed outcome that you could observe/check/measure? For example, “the pain is okay” would not be a measurable outcome. Rates pain level less than 3 on pain scale would be measurable.

**T=Timeframe**: For this element*, reflect on* how long it would take to implement your study by collecting data or the time needed to observe to see if any changes occurred or will occur. Think about 1 month, 3 months, 6 months etc... Use a timeframe that is realistic.

## Template A

**Among/In \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (P), does\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (I) (\*\*decrease/increase/impact/influence/affect/reduce/improve\*\*) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (O) compared to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (C) over \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(T)?**

**(\*\*choose one term\*\*)**

**Example:**

Among 65+ and older diabetic immobile adults in long-term care **(P)**, does a bedside oral care kit and checklist protocol **(I)** compared to routine oral care without a bedside oral care kit **(C)** affect the number of times oral care is completed **(O)** over 3 months **(T)**?

**P=Population of patients**: 65+ and older diabetic immobile adults in long-term care

**I=Intervention**: bedside oral care kit and a checklist protocol

**C=Comparison**: routine oral care without a bedside oral care kit

**O=Outcome**: number of times (frequency) oral care is completed

**T=Timeframe**: 3 months

## Template B

**Among/In \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (P), would\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(I) (\*\*decrease/increase/impact/influence /affect/reduce/improve \*\*)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (O) compared to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (C) over \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(T)?**

**(\*\*choose one term\*\*)**

**Example:**

**In male ICU patients who are 65+ and older diagnosed with COPD (P), would the confusion assessment screening tool (CAST) (I) impact the number of early identification of delirium (O) compared to no screening tool (C) over 6 months (T)?**

**P=Population of patients**: Inpatient male ICU patients 65+ and older diagnosed with COPD

**I=Intervention**: confusion assessment screening tool (CAST)

**C=Comparison**: routine care/no screening tool

**O=Outcome**: number of early identification of delirium

**T=Timeframe**: 6 months

## Template C

**Among/In \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (P), will \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (I) (\*\*decrease/increase/impact/influence/affect/reduce/improve \*\*)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (O) compared to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (C) over \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (T)?**

**(\*\*choose one term\*\*)**

**Example:**

Among Hispanic pregnant women between 36-40 weeks **(P)**, will completing a lactation course **(I)** increase the number of breastfeeding initiations by or within 6 hours of delivery **(O)** compared to no lactation course **(C)** over 6 months?

**P=Population of patients**: Hispanic pregnant women between 36-40 weeks

**I=Intervention**: lactation course completed

**C=Comparison**: no lactation course

**O=Outcome**: number of breastfeeding initiations within 6 hours of delivery

**T=Timeframe**: 6 months

## Template D

**Among/In \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (P), what is the effect of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (I) on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (O) compared to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (C) over \_\_\_\_\_\_\_\_\_\_\_\_\_\_ (T)?**

**Example:**

In pediatric non-Hispanic Black males ages 8-18 years old with a 5 year history of type 1 diabetes **(P)**, what is the effect of the Glucose Buddy Diabetes Tracker app **(I)** on maintaining HbA1C levels <7% **(O)** compared to the mySugar Diabetes Tracker Log app **(C)** over 6 months **(T)**?

**P=Population of patients**: pediatric non-Hispanic Black males ages 8-18 years old with 5 year history of type 1 diabetes

**I=Intervention**: Glucose Buddy Diabetes Tracker app

**C=Comparison**: mySugar Diabetes Tracker Log app

**O=Outcome**: HbA1C levels <7%

**T=Timeframe**: 6 months

1. Adapted from Houser (2018) and the American Academy of Ambulatory Care Nursing (AAACN). (2018). *AAACN research toolkit: Template for asking PICOT questions*.

   |  |  |  |  |  |  |  |  |
   | --- | --- | --- | --- | --- | --- | --- | --- |
   | This criterion is linked to a Learning OutcomeClinical Nursing Practice Problem  Select and identify only one quality or safety clinical priority area from the assignment guidelines practice scenario. Summarize why you believe the nursing practice problem/issue is the most important. Summarize your rationale (why) for choosing the problem. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **50 pts**  **Selects and identifies one quality or safety clinical priority practice problem from the assignment guidelines practice scenario. Thoroughly summarizes why you believe the nursing practice problem/issueis the most important. Thoroughly summarizes the rationale (why) the problem was chosen. Provides details.** | **46 pts**  **Criteria from the first column are mostly summarized or one criteria lacks details or is missing.** | **40 pts**  **Criteria from the first column are minimally summarized or two criteria lack details or are not present.** | **19 pts**  **Criteria from the first column are poorly summarized.** | **0 pts**  **Criteria are not discussed.** | | 50 pts |
   | This criterion is linked to a Learning OutcomeClinical Nursing PICOT Question  Clinical Nursing PICOT Question  Using the NR439 Guide for writing PICOT Questions and Examples located in the assignment guidelines, write out your PICOT question. Include each letter of the PICOT in your question. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **15 pts**  **PICOT question has 5 elements correct. Question is nursing related.** | **13 pts**  **PICOT question has 4 elements correct or question is not nursing related.** | **12 pts**  **PICOT question has 3 elements correct.** | **6 pts**  **PICOT has 1-2 elements correct.** | **0 pts**  **PICOT question with no elements correct or no PICOT question present.** | | 15 pts |
   | This criterion is linked to a Learning OutcomeDefine PICOT Elements  Define each of the elements from your above clinical PICOT question. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **15 pts**  **5 PICOT elements are correctly defined.** | **13 pts**  **4 PICOT elements are correctly defined.** | **12 pts**  **3 PICOT elements are correctly defined.** | **6 pts**  **1-2 PICOT elements are correctly defined.** | **0 pts**  **PICOT elements are not correctly defined or elements are not present.** | | 15 pts |
   | This criterion is linked to a Learning OutcomeEvidence Retrieval Process and Summary  Using only the Chamberlain College of Nursing library: (1) Locate evidence that is relevant to your chosen nursing practice problem. Explain how you believe the evidence is relevant to your chosen clinical nursing problem/issue. (2) Explain why you chose the evidence. (3) Provide a complete APA reference to the evidence (must include authors, year, title of the evidence, title of the resource). (4) Evidence must be published within the last 10 years. (5) Provide the permalink. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **20 pts**  **All of the 5 criteria are present. (1) Locates evidence relevant to chosen nursing practice problem. Explains how the evidence is relevant to your chosen clinical nursing problem/issue. (2) Explains why the evidence was chosen. (3) Provides a complete APA reference to the evidence (includes authors, year, title of the evidence, title of the resource). (4) Evidence must be published within the last 10 years. (5) Provides the permalink.** | **18 pts**  **Missing 1 criteria or 1 criteria lacks details.** | **16 pts**  **Missing 2 criteria or 2 of the criteria lacks details.** | **8 pts**  **Missing 3-4 of the criteria.** | **0 pts**  **Missing all five criteria from the A column or none of the criteria are present.** | | 20 pts |
   | This criterion is linked to a Learning OutcomeImplications of the Evidence  Summarize what you learned from the evidence. Summarize why you believe the nursing evidence-based practice committee should focus their next research study on this practice problem. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **40 pts**  **Thoroughly summarizes what was learned from the evidence. Thoroughly summarizes why you believe the nursing evidence-based practice committee should focus their next research study on this practice problem. Excellent details provided.** | **35 pts**  **Mostly summarizes the criteria in the first column or one criteria lacks details.** | **32 pts**  **Fairly summarizes the criteria in the first column or one criteria is missing. Fair details are provided.** | **15 pts**  **Poorly summarizes the criteria in the first column. Poor details are provided.** | **0 pts**  **Criteria are not summarized or is missing.** | | 40 pts |
   | This criterion is linked to a Learning OutcomeEvidence Search Terms  Identifies 4 (or more) relevant searchable terms you used for your search for evidence. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **10 pts**  **Identifies 4 (or more) relevant searchable terms used for the search for evidence.** | **9 pts**  **Identifies 3 relevant searchable terms used for the search for evidence.** | **8 pts**  **Identifies 2 relevant searchable terms used for the search for evidence.** | **5 pts**  **Identifies 1 relevant searchable term used for the search for literature.** | **0 pts**  **No terms identified or terms are not present.** | | 10 pts |
   | This criterion is linked to a Learning OutcomeEvidence Search Strategies  Identifies 4 (or more) relevant search strategies you used to narrow/limit your search for evidence. | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **10 pts**  **Identifies 4 (or more) relevant strategies used to narrow/limit the search for evidence.** | **9 pts**  **Identifies 3 relevant strategies used to narrow/limit the search for evidence.** | **8 pts**  **Identifies 2 relevant strategies used to narrow/limit the search for evidence.** | **4 pts**  **Identifies 1 relevant searchable term used for the search for evidence.** | **0 pts**  **No strategies identified or strategies are not present.** | | 10 pts |
   | This criterion is linked to a Learning OutcomeScholarly Writing, Mechanics, Organization, Spelling, Sentence Structure, Grammar | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **8 pts**  **Excellent writing, mechanics, organization, spelling, sentence structure, grammar. 1-2 errors noted.** | **6 pts**  **Good writing, mechanics, organization, spelling, sentence structure, grammar. A few errors noted.** | **3 pts**  **Fair writing, mechanics, organization, spelling, sentence structure, grammar. Some errors noted.** | **2 pts**  **Poor writing, mechanics, organization, spelling, sentence structure, grammar. Many errors noted.** | **0 pts**  **Very poor writing, mechanics, organization, spelling, sentence structure, grammar. Errors throughout are noted. Writing is difficult to understand or follow.** | | 8 pts |
   | This criterion is linked to a Learning OutcomeAPA In-Text Formatting for Cited Sentences | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **7 pts**  **Excellent APA formatting. Uses APA in-text citation formatting with no errors.** | **6 pts**  **Good APA formatting. Uses APA in-text citation formatting with 1-2 errors noted.** | **4 pts**  **Fair APA formatting. Uses APA in-text citation formatting with some errors noted or does not use in-text citation formatting.** | **3 pts**  **Poor APA formatting with many errors noted.** | **0 pts**  **Very poor APA with errors noted throughout.** | | 7 pts |
   | This criterion is linked to a Learning OutcomeAssigned PPE Worksheet Used | |  |  | | --- | --- | | **0 pts**  **0 points deducted**  Assigned PPE Worksheet used for this assignment. | **0 pts**  **17.5 points deducted (10%)**  Assigned PPE Worksheet NOT used for this assignment results in deduction. | | 0 pts |
   | This criterion is linked to a Learning OutcomeLate deduction | |  |  | | --- | --- | | **0 pts**  **0 points deducted**  Submitted on time | **0 pts**  **Not submitted on time - Points deducted**  1 day late=8.75 deduction; 2 day late =17.5 deduction; 3 day late=26.25 deduction; 4 day=35 deduction; 5 day=43.75 deduction; 6 day =52.5 deduction; 7 day =61.25 deduction; Score of 0 if more than 7 days late | | 0 pts |
   | Total Points: 175 | |

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