

## MODULE 8: PICOT CLASSROOM ACTIVITIES

### Instructions:

1. Students will work in groups (depends on the total # of students) to develop a PICO (T) question.
2. Each group will be given specific topic to work on and will appoint a group leader to facilitate the activity & responsible for the final submission to LMS (drop box).
3. Find 3 resources that address your PICOT question. How much evidence is available to answer your question?
4. A grading rubric for the group. Individual effort for the activity is required.
5. For reference use the APA format.  
Example: Thomas, G. (2014). Patient safety and culture of safety: Foundation of excellent health care. Retrieved from <https://www.Centerfortransforminghealthcare.org/assets/4/g/patient-safety-storyboard>.
6. **Submit to LMS Drop Box – PICOT on February 17 or before 5:00PM.**

### Topics:

1. Environmental Hazards for the nurse exposed in the work setting:

Nurses confront potential exposure to infectious disease, toxic substance back injuries and radiation. Overall, are nurses protected? Most complex combinations of various chemicals handled by nurses have never been tested safely.

#### TASK:

The student retention committee requested the oncology nurses to create a team to present a body of current research done by several agencies about ways or strategies on how to protect healthcare workers from the chemical-chemo exposure.

2. Culturally Sensitive Communication in Health care Setting:

Global migration is higher than ever before, with migrants accounting for more than 10 % of the total population in Europe, Northern America and Oceania (United Nations, 2017). Cultural diversity not only relates to a person's country of birth but also their ancestry. Health care provider must be conscious of patient's individual healthcare preferences that are influenced by cultural diversity, and the importance of communication in the provision of health care.

Your team is designated to explore the concept of culturally sensitive communication through review of various literatures or research conducted by an individual or organization.

3. Cocaine users

The school superintendent directed you as the coordinator of the development assessment team. The target population is school-aged children of mothers who used Cocaine during their pregnancy.

#### TASK:

The goal is to learn & identify the learning outcomes for these children as they begin school compared to children not exposed to cocaine during pregnancy.

4. Work place Violence in Healthcare:

Work violence is more common for health care workers especially in the Emergency department. However, does not make it “acceptable” or “expected”. Assault are on the rise, 12 % of ED nurses experienced physical violence and 5% experienced verbally abused in a 12 month period. (OHS, 2020).

TASK:

The Emergency Department shared governance committee appointed your team to present an evidence-based research on ways to prevent work violence & to be presented to the department meeting.

5. COVID 19: Measures to sustain the health care workforce.

COVID-19 put pressure on the global health care workforce continues to intensify. It is potentially overwhelming burden of illnesses that stresses health system capacity. Also, the adverse on healthcare workers in terms of exposure to infectious entity. At least 9,300 U.S. health care workers sickened with COVID-19 and 27 have died. 55 %-tested positive were exposed while at work. (CDC April 2020).

TASK:

The infection control task force requested your group representing from different units to present an evidence-based study of different measures to protect the health care providers in terms of PPE, staffing & screening.

6. Correctional Health

You are the recently-hired nursing administrator at a large urban jail on the west coast. Inmate Suicide is a huge problem at your institution.

TASK:

You've been called into to collaborate with the counseling and guard representatives on a plan to prevent inmate suicides while reducing the costs associated with suicide watches.

7. Application of Arts Therapy for Mental health in the clinical setting:

The World Health Organization (WHO) predicts an ascending trend on mental health issues worldwide as diagnosis of mental illnesses increases as a whole (WHO, 2018). Several literatures suggested that engagement in arts activities can be useful tools to address some of the global mental health.

Your team is requested to research different literatures about art therapy for mental health. The goal is to validate if the mental health unit can adopt the said therapy.

## 8. Ethical Concerns in the intensive Care units:

Ethical conflicts arise during the provision of care for critical & chronic illness occurs from multiple reasons. These conflicts can merge from intractable treatment disagreements between the patient, patient's family & health care provider. As the conflict escalates the end result is the trending down of quality of care and patient safety (Pavlish, Jan.2020).

### TASK:

Your team will present a body of research to figure out if creating a TEAM-Based early action protocol will help the healthcare provider in dealing with the ethical concerns in the intensive care Unit.

## 9. Maternal & Newborn Health Issues:

Maternal and newborn health issues are a global health priority. Maternal mortality arises from risks tied to pregnancy and childbirth. The health issues require the nurse to consider not just one, but also two or more patients, when seeking to improve care and quality outcomes.

### TASK:

Your team is requested to research for strategies concentrated on Maternal education, about self care and provision of care by the healthcare provider. The said strategies will be presented to the community health nurses symposium.

## 10. Medication Reconciliation Improvement

Medication reconciliation is an important component to the care of hospitalized patient and their safe transition to the ambulatory setting.

The improvement should start upon admission, transfer & discharge of the patient. Despite of continuous implementation of process improvement, still hospitals continue to struggle in the implementation of successful medication reconciliation.

### TASK:

The Pharmacy nurse specialist selected your team to search different research literatures that will provide valid information about the common roadblocks for poor implementation of medication reconciliation.

## 10. Health Care for Undocumented patient with Advance Cancer:

Undocumented immigrants with advance cancer are at risk for inadequate care as they face not only the immigration system but also a challenging the healthcare system. (Jaramillo, 2016). Undocumented patient faced different challenges as he navigated through the healthcare system at the End-of-Life.

### TASK:

The case manager requested your team- ICU shared governance to present a literature review regarding the said topic and to be presented to the unit's monthly meeting.

## 11. End-Stage Renal Disease Management

You are the sepsis coordinator in a 450 bed capacity acute hospital. The survey done revealed the increase number of sepsis on patient with end-stage renal disease who had dialysis for the past 2 months.

TASK:

In collaboration with dialysis nurses & Renal unit nurses, you would like to determine what type of dialysis increases the incidence of infections leading to sepsis. Also, research for an EBP on how to reduce the incidence of sepsis.

## 12. Severe Mental Health condition

Mental health institution (in-patient) is limited in your county with 350,000 Populations. A group of nurse practitioners been called to collaborate with Nurses working in out-patient mental health services & in-patient facility if Patient with severe mental health illness be placed in out-patient community-Based care.

TASK:

The group should present an evidence based study that placing patients with Severe mental health illness in community based care yields the same or Better access, effectiveness, and cost effective compared with placement Inpatient treatment setting.

## 13. EBP as a process: Planting seeds & Watching our garden grow

You are the newly hired oncology clinical specialist & have read an article About bringing EBP to the unit level. You collaborated with the chairman of nursing research committee and identified key team players from your unit.

TASK;

The team have to determine the best approach in the full implementation Of sustainable EBP using the idea of "planting seeds & watching our garden grow".

## 14. Employee Engagement for healthcare Setting:

Engaged & empowered are identified link between employee proactive positive involvement & better patient experience. Employee engagement is one of the top variables correlating to mortality, complications, and accidents on the job, patient safety, clinical outcome, staff turnover and absenteeism.

TASK:

The Magnet committee requested all chairman of shared governance committee from different units to form an ad hoc committee to present an evidence based research regarding the importance of employee engagement in the clinical setting.

15. Promotion of self care in the community:

It is widely believed that patient who adopts self-care practices will reduce demands on the providers of health care. The healthcare specialist should prioritize the prevention of disease and to increase efforts on patient education, and to support patients in managing their own health.

**TASK:**

The community outreach committee requested your group to present a body of research about the different self-care programs and to be presented to the city health officers for program approval.