

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

Part A: Select just one (not both) of the articles from the week two DQ assignment thread. Determine whether the article is qualitative or quantitative research, then, using an academic voice & APA formatted citations/references, **formulate a 150-300 word response to each of the following sections and enter your responses into the textboxes below.**

1. Using APA format, enter the reference for the article you reviewed. Explain the rationale for selecting this research article and how it relates to your own practice.

Chen, Y., Ding, W., Wang, X., Wu, L., L., & Zhao, X. (2020) Perceptions and life experiences of patients with wound healing by secondary intention after the removal of thoracic drainage tube. *J Wound Ostomy Continence Nurs*, 47(2), 124-127.

<http://doi.org/10.1097/WON.0000000000000617>

Working in an acute care hospital and dealing with many surgical patients, especially thoracic patients, this article which discusses post-op wounds, has been helpful due to the increase in post-op wounds in the facility. In addition, patients have a lot to deal with regarding time lost from work, family lifestyle, physical and mental stress, and the financial aspect. The importance of dealing with a patient's mental health as well as physical care affects the patient's recovery. For example, WOC nurses can care for the patient's wound, which heals promptly; however, some patients add stress themselves which can delay the wound care. In addition, financial losses are a consideration to patients as they may not have sick leave, and spouses must take time off from work, to name a few. Therefore, looking at the patient's perspective has heightened the bar of taking care of the post-op wounds and the patient as a whole.

2. Describe how you determined whether the selected research article is qualitative or quantitative.

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

The article is a qualitative study, which is supported by the study method, which was also quoted in the article. The data was collected through interviews and recorded, and the researchers then reviewed the interviews and drew conclusions from the material. Quantitative data is supported by numbers and not opinions from the participants. The researchers used a phenomenological approach by listening to the patient's views of their experiences. Qualitative studies can be done thru interviews, observations, focus groups, surveys, and secondary research in which this article conducted interviews that were not structured and were also recorded.

Part B: Based on the selected research, formulate a response to each of the following 8 questions associated with the selected research type (qualitative or quantitative). Enter your thoughtful responses to the textboxes below. Each response should be 150 - 300 words and cited using APA style from your reference list.

1. Why is IRB/informed consent an important part of research? Determine if Institutional Review Board (IRB) approval/informed consent obtained. If the research was done outside of the United States, the review body may go under a different name.

The Institutional Review Board (IRB) is a committee protecting human research, ensuring that a trial is ethical and that the subjects are protected. This research was conducted in China, and it states in the articles that it was not required to have approval from the Chinese Ethics Committee; however, it was reviewed thru the ethics committee at the hospital that the information was obtained. China has a regulating committee for research, the National Medical Administration (NMPA). It is vital to ensure that the participant has consented to the trial. In this particular trial, much of their information is quoted from what they said, and some may want to keep everything they say private. The participants have the right to understand how the information will be used, whom they can contact if they have a concern, why the study is being conducted, and for what uses. Participants in the past were not protected, leading to the development of regulatory committees.

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

2. Describe (based on selected research type)
 - a. **Qualitative article:** the purpose statement - or -
 - b. **Quantitative article:** the problem and purpose of the research

The purpose was to see the perceptions of the patients. This is important in ensuring that nurses care for the patients' pre and post-operative and the actual wound and the mental aspect of the care. In addition, the study showed there need to be educational plans for the patients and their family. The psychological and economic burden often occurs when patients are undergoing care for a wound, especially secondary intention.

All of the patients had a thoracic tube and then developed a secondary wound from the tube. Looking at patients' perceptions can also help the WOC nurse care for patients in the future by examining how and why the wound developed and if it has a financial burden on the patient, affect their social functions, and more.

3. Describe (based on selected research type)
 - a. **Qualitative article:** research design - or -
 - b. **Quantitative article:** the research questions

The research was conducted thru semistructured interviews using the phenomenological study. A phenomenological study describes an event or phenomenon of someone's experience. This type of research helps one to learn from life experiences. The type of research also uses how it was perceived and what was perceived from experience being researched. The phenomenological study is gaining in-depth knowledge and using it to generate new ideas. The phenomenological study is widely used in philosophy.

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

4. Explain in your own words a summary of the literature review used in the selected article. The article is a qualitative study and uses a phenomenological study. The article is about patients in a study that had secondary wounds due to thoracic tubes post-surgery. After weeding out the participants from the study and interviewing, the conclusions were drawn. Interviewing the participants, there were three major themes and six subthemes. The questions asked of the participants were what was the emotional stress response, was there an increased disease burden, and was their social function impaired? Many negative emotions were recorded in the article, responding to the response to healing and feeling that this may have been their fault. The article leaves a wonder about how other cultures respond to secondary wounds and what the response of more participants would have been and weighed into the study's conclusion. More patients needed to be included in the study to get more of a response and conclusion.

5. Identify (based on selected research type)
 - a. **Qualitative:** the data collection method(s) - or -
 - b. **Quantitative:** the study design, including sample, setting, & data collection methods.

The data collection method used in the study for the patients' perceptions of wound healing by secondary intention was interviewing Chinese-speaking patients. The data was collected thru semistructured interviews and recorded. There are several ways to collect the data; interviews, surveys, observation, forms, and social media are a few examples.

6. Analyze (based on selected research type)
 - a. **Qualitative:** the results of the research study - or -
 - b. **Quantitative:** the data collection tool used; is the tool validated?

The results show that only nine patients qualified for the survey and that there were five females and four males. The difference in ages ranged from 22 to 67, which is quite a range. The number of days until healing ranged from 12 to 38, which leads to the question of why and what were the responses of those patients and the difference. It is interesting in the number of dressing changes, the days of healing time, and how that correlates to the patient's response. The expense was similar, which can also relate to the responses. The research was analyzed using the Colaizzi 7-step analysis. This enables the research to provide insight into the material collected. Reading and rereading are part of the steps in the Colaizzi analysis; taking the statements, extracting significant comments, and then giving meaning to the statements are the first three steps of the analysis. The next half of the steps are repeating the first three steps, summarizing, analyzing, and ensuring that all of the data is credible.

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

7. Summarize (based on selected research type)
 - a. **Qualitative:** conclusions and implications for further research - **or** -
 - b. **Quantitative:** study results, including strengths & limitations.

This was the only study of this kind and the fact that there were only nine patients leads to wanting more information and more participants in the study. The conclusion in the article that states that there should be more education with the patient pre and post-surgery. Agreeing with the article on gathering more data with the doctor and nurse collaboration needs to be done on the outcome of the results, this leads to an implication that perhaps more research needs to be done with the study.

8. Discuss why is this research important to the body of WOC nursing knowledge

This research article is essential to WOC nurses for several different reasons. First, many WOC nurses do not even see patients pre-operatively, but we do see many post-operatively in the wound clinics. Understanding that education needs to be done prior to surgery can lead to educating the physician and their staff on how to educate the patient before surgery, what can occur, and how to deal with issues. Finally, seeing the patients in the wound clinic post-surgery, the WOC nurse can help calm their fears by listening and helping to recover as quickly as possible. If the WOC nurse is the inpatient nurse, they may also be able to follow up with the patient in the hospital to see if there are avoidable

Understanding Research Articles/ Cleveland Clinic WOC Nursing Education

ways to develop the secondary wound. Working as a team to help the patient and their family is always the best approach for care. Helping to eliminate some of the patient's burdens helps to put them on the road to recovery.

9. Use APA format to list your references for this assignment:

Chen, Y., Ding, W., Wang, X., Wu, L., L., & Zhao, X. (2020) Perceptions and life experiences of patients with wound healing by secondary intention after the removal of thoracic drainage tube. *J Wound Ostomy Continence Nurs*, 47(2), 124-127.

<http://doi.org/10.1097/WON.0000000000000617>

Bhandari, P. (2022). *What is qualitative research | methods & examples*. scibbr.com/methodology//qualitative-research

Neubauer, B., Witkop, C., & Varpio, L. (2019) 8(2) 90-97 *How phenomenology can help us learn from the experiences of others*. ncbi.nlm.nih.gov/pmc/articles/PMC6468135/