

NRS 445 Topic 3 DQ 2

Select a research article that uses a randomized controlled trial focusing on a clinical nursing problem of your choice. Use this research article to address the following questions:

1. Provide an APA reference of the article including a GCU permalink or working link used to access the article.
2. Using the "CASP Randomized Controlled Trial Checklist," found in topic Resources, evaluate the study. Based on your findings, summarize the critical appraisal of the selected research article.
3. Do the benefits of the experimental intervention outweigh the harms and costs? Identify and discuss one other ethical consideration applicable to quantitative research studies such as this one.

Initial discussion question posts should be a minimum of 200 words and include at least two references cited using APA format. Responses to peers or faculty should be 100-150 words and include one reference. Refer to "RN-BSN Discussion Question Rubric" and "RN-BSN Participation Rubric" located in Class Resources, to understand the expectations for initial discussion question posts and participation posts, respectively.

Randomized Controlled Trial of an Intervention to Improve Nurses' Hazardous Drug Handling By
Container: Europe PMC (PubMed Central) Publisher: European Bioinformatics Institute Year: 2019
DOI: 10.1188/19.onf.248-256 URL: <https://onf.ons.org/onf/46/2/randomized-controlled-trial-intervention-improve-nurses-hazardous-drug-handling>

Martin, S., & Larson, E. (2003). Chemotherapy-handling practices of outpatient and office-based oncology nurses. *Oncology Nursing Forum*, 30, 575–581. URL: <https://doi.org/10.1188/03.ONF.575-581>

1. Did the study address a clearly focused research question? Yes, to evaluate whether a web-based educational intervention improved personal protective equipment (PPE) use among oncology nurses (population) who handle hazardous drugs ("Randomized Controlled Trial of an Intervention to Improve Nurses' Hazardous Drug Handling," 2019).
2. Was the assignment of participants to interventions randomized? In a cluster randomized controlled trial, 136 nurses in control settings received a one-hour educational module on PPE use with quarterly reminders, and 121 nurses in treatment settings received the control intervention plus tailored messages to address perceived barriers and quarterly data gathered on hazardous drug spills across all study settings.
3. Were all participants who entered the study accounted for at its conclusion? Yes, all nurses in study were accounted for at the end of the study.
4. Were the participants 'blind' to intervention they were given? Not sure, they were assigned education but did not say that they were blind to the interventions given to the others.
5. Were the study groups similar at the start of the randomized controlled trial? Yes, they received education on proper PPE while handling the hazardous drugs. It was the continued