

Reduction of Medical Errors – Annotated Bibliography

NURS 412 - Ethics, Law, Economics & Health Policy

Purpose of Assignment

This assignment aims to increase nursing students' knowledge and awareness of today's most pressing safety, ethical and legal issues in the workplace through review and analysis of a professional nursing article related to patient safety, moral or legal issues. The student will prepare a one-page annotated bibliography based on this professional article.

Student Approach to Assignment

This assignment helped me learn a new safety measure at work that I did not have before. The paper analyzed in this annotated bibliography used a technique unique to IV medication administration and preventing medication errors. The mnemonic used I have added to my practice. Informatics is used in the technology used to scan medications, and interventions incorporate safe practices to prevent medication errors.

Reason for Inclusion of this Assignment in the Portfolio

I take responsibility or accountability for my professional practice. This paper shows my ability to analyze and use data from research papers and incorporate it into practice to keep patients safe. This also demonstrates that I can use technology in my practice. More importantly, it reflects my ability to own my mistakes and change my practice to keep my patients safe and provide the best care possible.

Domain 5: Quality and Safety

o (11): *Performs therapeutic interventions that incorporate principles of quality management and proper safety techniques*

Mistakes can occur during medication administration due to human error. The administration is usually correct because the medications are scanned into a system; sometimes, dual verification medications, pharmacy preparation on the amount, and other measures are used to prevent mistakes. However, mistakes can sometimes happen even after those methods have been used. This review of an article has a method to avoid errors in IV medication administration.

o (29): *Interpret benchmark and unit outcome data to inform individual and microsystem practice.*

This paper reviews techniques used in the hospital with IV medication administration and provides interventions to prevent errors. Unit outcomes are in the research article that I reviewed and evaluated.

Domain 2: Person-Centered Care

o (12): Establishes and utilizes outcome measures to evaluate the effectiveness of care.

The outcome of this document is an overall decrease in medication administration using the system and mnemonics they use. These are evaluated and used to help prevent medication administration errors, making care safer and more effective when handling IV medications.

Domain 10: Personal, Professional, and Leadership Development

o (43): Demonstrates accountability for one's professional practice.

In my review, I take accountability for the medication mistakes I have made with IV medications. I realized that this research article was vital for me because they have a mnemonic to help you prevent medication errors with IVs. I made a mistake at work with the IV tubing on antibiotic medications; it was an hour later before I saw that I forgot to unclamp the secondary tubing bag with the medication in it, so instead, the patient received the normal saline. This has helped my practice, and it is an easy way to remember and slow down while you are administering these medications.