

Medication Errors: Literature Review

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There are many studies, but one of the most useful is quantitative studies. Quantitative studies can be provided in numerical value, using numbers, counting, or measuring (Stevens, 2023). When researchers use quantitative studies, they can answer many questions, such as “How Many?”, “How much?” and “How often?” (Stevens, 2023). Often used for research, quantitative data is acceptable for statistical analysis (Stevens, 2023). Researchers can research data collected in other studies and literature reviews which gives researchers the opportunity for further research. Medication errors occur in many healthcare facilities. Researching the common causes and errors made during the process of administering medication can assist in the potential avoidance of these errors.

Medication Administration Errors and Associated Factors among Nurses

The authors of this article researched the causes and factors affecting medication errors among nurses. Medication errors can cause serious harm to patients and harm the trust between patients and their healthcare staff (Tsegaye et al., 2020). There are many disadvantages and harmful impacts due to medication errors. This article evaluates the factors contributing to medication errors among healthcare staff, mainly nurses (Tsegaye et al., 2020).

Key Points

Medication errors are preventable acts that can harm the patient due to improper medication provided (Tsegaye et al., 2020). The data was collected using nurses working at referral hospitals in different areas. These areas included Debre Birhan, Felegehiwot, Debra Markos, Gondar, and Dessie referral hospitals. The study used a cross-sectional study, using

random sampling to conduct research. The nurses used in the study had to be employed for longer than six months and had to be nurses that administered medications regularly. To ensure fair quality data and research, researchers provided a self-administered questionnaire and used it to collect data (Tsegaye et al., 2020). This study determined that administering medication at the wrong times, wrong assessments, distraction during administration, and lack of training were all considerable factors associated with medication errors (Tsegaye et al., 2020).

Assumptions

The study shows considerable factors affecting medication administration and administration errors. The data collected and studied assist in further research in observing causes and factors associated with medication errors. The data also has the opportunity to inform individuals of the findings to be more cautious (Tsegaye et al., 2020). The rate of medication errors has increased over the years compared to past studies. Nurses should use the ten rights of medication administration in order to decrease the rates of medication administration errors. More researchers can now continue researching and collecting data to provide more valuable and productive data regarding the impact and factors associated with medication errors.

Deficit/Conclusion

The line of reasoning regarding this article is to determine the factors and effects of medication errors among nurses. The data collected in this study can provide hospitals with a general knowledge of the common cause and associated factors affecting their staff during medication administration, resulting in medication errors. Medication errors harm their patients, sometimes even resulting in death (Tsegaye et al., 2020). The questionnaire was self-administered, meaning the randomly selected nurses provided information (Tsegaye et al., 2020).

The data collected allows other researchers to complete further studies to assist in changes and methods to decrease medication errors. Hospitals and nursing staff must accept this reasoning because patients can be seriously harmed or killed without proper research and consideration. There has to be a sense of trust between hospital staff and patients. If this is not taken seriously and further researched, the implications would involve less trust, more medication errors, and more negatively affected patients. Further research can significantly benefit nursing staff and patients.

Medication Administration Safety Practices and Perceived Barriers among Nurses

Here add in a summary of the article. Follow the MEAL paragraph formatting and use Grammarly.com. Be sure to cover all aspects within the rubric. Be sure to use double space and to tab over for your first line of a new paragraph.

Key Points

Paragraph goes here discussing the key points of the article. Follow the MEAL paragraph formatting and use Grammarly.com.

Assumptions

Paragraph goes here discussing the assumptions of the article. Follow the MEAL paragraph formatting and use Grammarly.com.

Deficit/Conclusion

Paragraph goes here discussing the conclusion of the article. Follow the MEAL paragraph formatting and use Grammarly.com. Do you accept the authors' line of reasoning? What are the implications for this article? If nursing fails to accept this line of reasoning, what would the implications be?

Effect of Medication Safety Education Program on Intensive Care Nurses' Knowledge regarding Medication Errors

Here add in a summary of the article. Follow the MEAL paragraph formatting and use Grammarly.com. Be sure to cover all aspects within the rubric. Be sure to use double space and to tab over for your first line of a new paragraph.

Key Points

Paragraph goes here discussing the key points of the article. Follow the MEAL paragraph formatting and use Grammarly.com.

Assumptions

Paragraph goes here discussing the assumptions of the article. Follow the MEAL paragraph formatting and use Grammarly.com.

Deficit/Conclusion

Paragraph goes here discussing the conclusion of the article. Follow the MEAL paragraph formatting and use Grammarly.com. Do you accept the authors' line of reasoning? What are the

implications for this article? If nursing fails to accept this line of reasoning, what would the implications be?

Conclusion

Write a conclusion here in your overall paper. Follow the MEAL paragraph formatting and use Grammarly.com. Provide a summary/conclusion of the analysis of all three articles.

Discuss how the information can improve:

- Patient outcomes
- Nursing practice
- Evidence-based practice/Quality Improvement efforts
- Healthcare as a whole

References

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