

Relationship Between Time Management and Medication Administration Errors Among Jordanian Emergency Nurses

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Abstract

Time management plays a crucial role in the prevention of medication errors, as effective time allocation allows healthcare professionals to prioritize tasks and ensure accurate and safe medication administration. The purpose of this study was to identify relationship between time management and medication administration errors among Jordanian emergency nurses. This was a cross sectional, descriptive correlational study involved 210 Jordanian emergency nurses who completed a questionnaire. The results of the current study were nurses had generally positive perceptions of medication error reporting, with failure to report errors due to disciplinary action being the lowest rated item. Failure to check the name band with the medication administration record was identified as the most frequent cause of medication errors, and only 56.4% of medication errors were reported to nurse managers. Setting goals was identified as the most effective time management strategy, while personal obstacles such as mobile phone use during working hours and poor managerial organization were identified as barriers to effective time management. Good nursing performance was associated with being on-time and following standard work procedures. The study found a positive correlation between managerial obstacles to time management and the percentage of reported medication errors. The conclusions of this study were addressing time management and medication errors is crucial to improving patient safety and outcomes in Jordanian emergency departments and future research should focus on developing strategies to overcome the identified obstacles to time management and medication administration.

Keywords: Emergency Department, Jordan, Nurse, Medication Errors, Time Management.