

Information System Support Dropped the nurses' medication administration errors ratio

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INTRODUCTION

Patient medication safety has always been a global issue, It is also an important index item of medical quality, Administration of medicines is the most important and frequent nursing activity for nursing staff, In the event of medication administration errors, Patient injury or even death will result. The department 2022 medication administration error rate is 0.1‰, exceeding the hospital's threshold of 0‰, This led the author's motivation to implement this program.

AIM

The purpose of this study is to analyze the causes of medication errors by nurses, and find out ways to reduce the errors in drug administration by nurses, so as to improve the safety of medication for patients

METHOD

In order to improve the quality of medical care and patient safety, the unit carried out improvement activities since April 1, 2022. We analyzed the causes according to the current situation, and we implemented strategies after literature review, including (1)Holding education and training for department nurses, (2)Establish department drug reminder and audit small vanguard, (3)Implementation barcode technology-assisted medication

CONCLUSIONS

The Research result continuous education training and check. Implementation barcode technology-assisted medication. dropped the nurses medication administration errors in the department. Suggestions Suggestions Closed loop management and automated dispensing cabinet have a multiplier effect and the quality of nursing care has improved and providing patients with a safe medical environment.

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RESULTS

Through this activity, from October 1 to December 30, 2023, the medication management error rate was reduced from 0.1‰ before improvement to 0.07‰ after improvement

Comparison before and after improvement of medication errors

