

## **The effect of implementing bar-code medication administration in an emergency department on medication administration errors and nursing satisfaction.**

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Owens K, Palmore M, Penoyer D, et al. The effect of implementing bar-code medication administration in an emergency department on medication administration errors and nursing satisfaction. J Emerg Nurs. 2020;46(6):884-891. doi:10.1016/j.jen.2020.07.004.

<https://psnet.ahrq.gov/issue/effect-implementing-bar-code-medication-administration-emergency-department-medication>

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[Barcoding](#) of medications is one approach to improving medication administration [safety](#). In this study, direct observation was used to compare medication error rates and [nursing](#) satisfaction before and after implementation of bar-code medication administration in a community hospital emergency department. Three months after its implementation, the medication administration error rate significantly decreased by 74.2% and nursing satisfaction increased.