

Bibliography: Bar Code Medication Administration

1. Barakat S, Franklin BD. An evaluation of the impact of barcode patient and medication scanning on nursing workflow at a UK teaching hospital. *Pharmacy*. 2020;8(3):148.
2. Van der Veen W, Taxis K, Wouters H, Vermeulen H, Bates DW, van den Bemt PMLA, et al. Factors associated with workarounds in barcode-assisted medication administration in hospitals. *J Clin Nurs*. 2020;29(13-14):2239-2250.
3. Thompson K, Swanson K, Cox D, Kirchner R, Russell J, Wermers R, et al. Implementation of bar-code medication administration to reduce patient harm. *Mayo Clin Proc*. 2018;2(4):342-351.
4. Truitt E, Thompson R, Blazey-Martin D, NiSai D, Salem D. Effect of the implementation of barcode technology and an electronic medication administration record on adverse drug events. *Hosp Pharm*. 2016;51(6):474-483.
5. Seibert H, Maddox R, Flynn E, Williams C. Effect of barcode technology with electronic medication administration record on medication accuracy rates. *Am J Health-Syst Pharm*. 2014;71:209-218.
6. Bonkowski J, Carnes C, Melucci J, Mirtallo J, Prier B, Reichert E, et al. Effect of barcode- assisted medication administration on emergency department medication errors. *Acad Emerg Med*. 2013; 20:801-806.
7. FitzHenry F, Wells N, Doran J, Hughart K, Levy M, Doulos J. Applying bar code medication administration to make a difference in adverse drug events with potential for harm: lessons learned. *CIN-Comput Inform Nu*. 2013;31(10):457-462.
8. Harrington L, Clyne K, Fuchs MA, Hardison V, Johnson C. Evaluation of the use of bar-code medication administration in nursing practice using an evidence-based checklist. *J Nurs Admin*. 2013;43(11):611-617.
9. Holden R, Rivera-Rodriguez A, Faye H, Scanlon M, Karsh B. Automation and adaptation: nurses' problem-solving behavior following the implementation of bar-coded medication administration technology. *Cogn Tech Work*. 2013;15:283-296.
10. Voshall B, Piscotty R, Lawrence J, Targosz M. Barcode medication administration work- arounds. *JONA*. 2013;43(10):530-535.
11. Pedersen C, Schneider P, Scheckelhoff D. ASHP national survey of pharmacy practice in hospital settings: monitoring and patient education-2012. *Am J Health-Syst Pharm*, 2013;70:787-803.
12. Sakowski JA, Ketchel A. The cost of implementing inpatient bar code medication administration. *Am J Manag Care*. 2013;19(2):e38-e45.
13. Holden R, Brown R, Scanlon M, Karsh B. Pharmacy workers' perceptions and acceptance of bar-coded medication technology in a pediatric hospital. *Res Soc Adm Pharm*. 2012;8(6):509-522.
14. Holden R, Brown R, Scanlon M, Karsh B. Modeling nurses' acceptance of bar coded medication administration technology at a pediatric hospital. *J Am Med Inform Assoc*. 2012;19:1050-1058.
15. Rack L, Dudjak L, Wolf G. Study of nurse workarounds in a hospital using bar code medication administration system. *J Nurs Care Qual*. 2012;27(3):232-239.
16. Goorder V. Nurses' perceptions of a (BCMA) bar-coded medication administration system: A case-control study. *OJN*. 2011;15(2).
17. Miller D, Fortier C, Garrison K. Bar code medication administration technology: characterization of high-alert medication triggers and clinician workarounds. *Ann Pharmacother*. 2011;45:162-168.
18. Poon E, Keohane C, Yoon C, Ditmore M, Bane A, Levzion-Korach O, et al. Effect of bar- code technology on the safety of medication administration. *N Engl J Med*. 2010;362:1698-1707.
19. DeYoung J, VanderKool M, Barletta J. Effect of barcode-assisted medication administration on medication error rates in an adult medical intensive care unit. *Am J Health-Syst Pharm*. 2009;66:1110-1115.

Bibliography: Bar Code Medication Administration

20. Helmons P, Wargel L, Daniels C. Effect of bar-code-assisted medication administration on medication administration errors and accuracy in multiple patient care areas. *Am J Health-Syst Pharm.* 2009;66:1202-1210.
21. Morris F, Abramowitz P, Nelson S, Milavetz G, Michael S, Gordon S, et al. Effectiveness of a barcode medication administration system in reducing preventable adverse drug events in a neonatal intensive care unit: a prospective cohort study. *J Pediatr.* 2009;154:363-368.
22. Koppel R, Wetterneck T, Telles J, Karsh B. Workarounds to barcode medication administration systems: their occurrences, causes, and threats to patient safety. *J Am Med Inform Assoc.* 2008;15:408-423.
23. Franklin BD, O'Grady K, Donyai P, Jacklin A, Barber N. The impact of a closed-loop electronic prescribing and administration system on prescribing errors, administration errors and staff time: a before-and-after study. *Qual Saf Health Care.* 2007;16:279-284.
24. Paoletti R, Suess T, Lesko M, Feroli A, Kennel J, Mahler J, et al. Using bar-code technology and medication observation methodology for safer medication administration. *Am J Health-Syst Pharm.* 2007;64:536-543.
25. Skibinski K, White B, Lin L, Dong Y, Wu W. Effects of technological interventions on the safety of a medication-use system. *Am J Health-Syst Pharm.* 2007;64:90-96.
26. Poon E, Cina J, Churchill W, Patel N, Featherstone E, Rothschild J, et al. Medication dispensing errors and potential adverse drug events before and after implementing bar code technology in the pharmacy. *Ann Intern Med.* 2006;145:426-434.
27. Larrabee S, Brown M. Recognizing the institutional benefits of bar-code point-of-care technology. *Joint Comm J Qual Im.* 2003;29(7):345-353.
28. Patterson E, Cook R, Render M. Improving patient safety by identifying side effects from introducing bar coding in medication administration. *J Am Med Inform Assoc.* 2002;9:540-553.
29. Bates DW, Teich JM, Lee J, et al. The impact of computerized physician order entry on medication error prevention. *J Am Med Inform Assoc.* 1999;6(4):313-321.
30. Kohn LT, Corrigan JM, Donaldson MS. To err is human: building a safer health system: a report from the Committee on Quality of Healthcare in America. Institute of Medicine, National Academy of Sciences. National Academy Press, Washington, DC, 1999.
31. Bates DW, Leape LL, Cullen DJ, et al. Effect of computerized physician order entry and a team intervention on prevention of serious medication errors. *JAMA.* 1998;280(15):1311-1316.
32. Bates DW, Spell N, Cullen DJ, et al. The costs of adverse drug events in hospitalized patients. *JAMA.* 1997;277(4):307-311.
33. Bates DW, Cullen DJ, Laird N, et al. Incidence of adverse drug events and potential adverse drug events: Implications for prevention. *JAMA.* 1995;274(1):29-34.