

- Almoaber B, Amyot D. Key factors of clinicians' acceptance of CPOE system and their link to change management. *Inform Health Soc Care*. 2021:1-20. Epub ahead of print.
- Srinivasamurthy SK, Ashokkumar R, Kodidela S, Howard SC, Samer CF, Rao USC. Impact of computerised physician order entry (CPOE) on the incidence of chemotherapy-related medication errors: a systematic review. *Eur J Clin Pharmacol*. 2021;77(8):1123-1131.
- 3. Abraham J, Kitsiou S, Meng A, Burton S, Vatani H, Kannampallil T. Effects of CPOE-based medication ordering on outcomes: an overview of systematic reviews. *BMJ Qual Saf.* 2020;29(10):1-2.
- Co Z, Holmgren AJ, Classen DC, Newmark L, Seger DL, Danforth M, Bates DW. The tradeoffs between safety and alert fatigue: Data from a national evaluation of hospital medication-related clinical decision support. J Am Med Infom Assn. 2020;27(8):1252-1258.
- Roumeliotis N, Sniderman J, Adams-Webber T, Addo N, Anand V, Rochon P, et al. Effect of electronic prescribing strategies on medication error and harm in hospital: a systematic review and meta-analysis. *J Gen Intern Med*. 2019;34(10):2210-2223.
- Classen DC, Holmgren AJ, Co Z, Newmark LP, Seger D, Danforth M, Bates DW. National trends in the safety performance of electronic health record systems from 2009 to 2018. *JAMA Network Open*. 2020;3(5):e205547.
- Lyons A, Sward K, Deshmukh V, Pett M, Donaldson G, Turnbull J. Impact of computerized provider order entry (CPOE) on length of stay and mortality. *J Am Med Inform Assn.* 2017;24(2):303-309.
- 8. Romanow D, Rai A, Keil M, Luxenberg S. Does extended CPOE use reduce patient length of stay?. *Int J Med Inform.* 2017;97:128-138.
- Nuckols T, Asch S, Patel V, et al. Implementing computerized provider order entry in acute care hospitals in the United States could generate substantial savings to society. *Jt Comm J Qual Patient Saf.* 2015;41(8):341-351.

- MacKay M, Anderson C, Bochme S, Cash J, Zobell J.
  Frequency and severity of parenteral nutrition
  medication errors at a large children's hospital after
  implementation of electronic ordering and
  compounding. Nutr Clin Pract. 2016;31(2):195-206.
- 11. Radley DC, Wasserman MR, Olsho LE, et al. Reduction in medication errors in hospitals due to adoption of computerized provider order entry systems. *J Am Med Inform Assn.* 2013;20(3):470-476.
- 12. Pelayo S, Anceauxb F, Rogalskic J, et al. A comparison of the impact of CPOE implementation and organizational determinants on doctor–nurse communications and cooperation. *Int J Med Inform*. 2013;82(12): e321-e330.
- 13. Magrabi F, Aarts J, Nohr C, et al. A comparative review of patient safety initiatives for national health information technology. *Int J Med Inform*. 2013;82(5): e139-e148.
- Saxena K, Lung BR, Becker JR. Improving patient safety by modifying provider ordering behavior using alerts (CDSS) in CPOE system. AMIA Annu Symp Proc. 2011;1207-1216.
- 15. Metzger JB, Welebob E, Bates DW, Lipsitz S, Classen DC. Mixed results in the safety performance of computerized physician order entry. *Health Aff* (Millwood). 2010;29(4): 1-9.
- Yu F, Menachemi N, Berner E, Allison J, Weissman N, Houston T. Full implementation of computerized physician order entry and medication-related quality outcomes: a study of 3364 hospitals. *Am J Med Qual*. 2009;24(4):278-286.
- 17. Metzger JB, Welebob E, Turisco F, Classen DC. Effective use of medication-related decision support in CPOE. *Patient Safety and Quality Healthcare*. 2008;16-24.
- 18. Metzger JB, Welebob E, Turisco F, Classen DC. The Leapfrog Group's CPOE Standard and Evaluation Tool. *Patient Safety and Quality Healthcare*. 2008;22-25.
- 19. Adams M, Bates D, Coffman G, Everett W. Saving lives, saving money: the imperative for computerized physician order entry in Massachusetts hospitals.



Massachusetts Technology Collaborative and New England Healthcare Institute. 2008.

- Shamliyan TA, Duval S, Du J, Kane RL. Just what the doctor ordered. Review of the evidence of the impact of a computerized physician order system on medication errors. *Health Serv Res.* 2008;43(1):32-53.
- Lin CP, Payne TH, Nichol, WP, Hoey PJ, Anderson CL, Gennari JH. Evaluating clinical decision support systems: monitoring CPOE order check override rates in the Department of Veterans Affairs' Computerized Patient Order System. J Am Med Inform Assoc. 2008; 15:620-626.
- 22. Holdsworth MT, Fichtl RE, Raisch DW, Hewryk A, Behta M, Mendez-Rico E, et al. Impact of computerized prescriber order entry on the incidence of adverse drug events in pediatric patients. *Pediatrics*. 2007;120(5):1058-1066.
- 23. Classen DC, Avery AJ, Bates DW. Evaluation and certification of computerized provider order entry systems. *J Am Med Inform Assoc.* 2007;14:48-55.
- 24. Kuperman GJ, Bobb, A, Payne TH, et al. Medication-related clinical decision support in computerized provider order entry systems: a review. *J Am Med Inform Assoc.* 2007;14(1):29-40.
- 25. Del Baccaro MA, Jeffries HE, Eisenberg MA, Harry ED. Computerized provider order entry implementation: no association with increased mortality rates in an intensive care unit. *Pediatrics*. 2006;118(1):290-295.
- 26. Kelly WN, Rucker TD. Compelling features of a safe medication-use system. *Am J Health Syst Pharm*. 2006;63(15):1461-1468.
- Kilbridge PM, Welebob EM, Classen DC. Development of the Leapfrog methodology for evaluating hospital implemented inpatient computerized physician order entry systems. Qual Saf Health Care. 2006;15(2):81-84.
- 28. Van der Sijs H, Aarts J, Vulto A, Berg M. Overriding of drug safety alerts in computerized physician order entry. *J Am Med Inform Assoc*. 2006;13(2):138-47.
- 29. Shah NR, Seger AC, Seger DL, Fiskio JM, Kuperman GJ, Blumenfeld B, et al. Improving acceptance of

- computerized prescribing alerts in ambulatory care. *J Am Med Inform Assoc.* 2006b;13(1):5-11.
- 30. Galanter WL, Polikaitis A, DiDomenico RJ. A trial of automated safety alerts for inpatient digoxin use with computerized physician order entry. *J Am Med Inform Assoc.* 2004;11(4):270-277.
- 31. Potts AL, Barr FE, Gregory DF, Wright L, Patel, NR. Computerized physician order entry and medication errors in a pediatric critical care unit. *Pediatrics*. 2004;113(1):59-63.
- 32. Birkmeyer JD, Dimick JB. Leapfrog safety standards: potential benefits of universal adoption. *The Leapfrog Group*. Washington, DC. 2004.
- 33. King WJ, Paice N, Rangrej J, Forestell GJ, Swartz R. The effect of computerized physician order entry on medication errors and adverse drug events in pediatric inpatients. *Pediatrics*. 2003;112(3 Pt 1):506-509.
- Kaushal R, Shojania KG, Bates DW. Effects of computerized physician order entry and clinical decision support systems on medication safety: a systematic review. *Arch Intern Med*. 2003;163:1409-1416.
- 35. Birkmeyer CM, Lee J, Bates DW, Birkmeyer JD. Will electronic order entry reduce health care costs?. *Eff Clin Prac*. 2002;5(2):67-74.
- Mekhijan HS, Kumar RR, Kuehr L, Bentley TD, Teater P, Thomas A, et al. Immediate benefits realized following implementation of physician order entry at an academic medical center. *J Am Med Inform Assoc*. 2002;9(5):529-539.
- 37. Agency for Healthcare Research and Quality. *HCUPnet, Healthcare Cost and Utilization Project*. Rockville, MD. 2001.
- Chertow GM, Lee J, Kuperman GJ, Burdick E, Horsky J, Seger DL, et al. Guided medication dosing for inpatients with renal insufficiency. *JAMA*. 2001;286:2839-2944.
- 39. Pedersen CA, Schnieder PJ, Santell JP. ASHP national survey of pharmacy practice in hospital settings:



- prescribing and transcribing 2001. *Am J Health-Syst Ph.* 2001;58:2251-2266.
- Bates DW, Teich JM, Merchia PR, Schmiz BS, Kuperman GJ, Spurr CD. Effects of computerized physician order entry on prescribing practices. *Arch Int Med*. 2000;160: 2741-2747.
- 41. Bates DW, Teich JM, Lee J, Seger D, Kuperman GJ, Ma'Luf N, et al. The impact of computerized physician order entry on medication error prevention. *J Am Med Inform Assn.* 1999;6:313-321.
- 42. Kohn, LT, Corrigan JM, Donaldon MS (eds): 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.
- 43. Proceedings/AMIA Annual Symposium. 1998;235-239.
- 44. Bates DW, Leape L, Cullen DJ, et al. Effect of computerized physician order entry and a team intervention on prevention of serious medication errors. *JAMA*. 1998; 280:1311-16.
- 45. Bates DW. Drugs and adverse drug reactions: how worried should we be?. *JAMA*. 1998;279:1216-1222.
- 46. Evans RS, Pestotnik SL, Classen DC, Clemmer TP, Weaver LK, Orme JF, et al. A computer-assisted management program for anti-biotics and other antiinfective agents. N Engl J Med. 1998;338:232-238.
- 47. Bates DW, Spell N, Cullen DJ, Burdick E, Laird N, Peterson LA, et al. The costs of adverse drug events in hospitalized patients. *JAMA*. 1997;277:307-311.
- 48. Classen DC, Pestotnik SL, Evans RS, Lloyd JF, Burke JP. Adverse drug events in hospitalized patients: excess length of stay, extra costs, and attributable mortality. *JAMA*. 1997;277:301-306.
- 49. Overhage JM, Tierney WM, Zhou XH, McDonald CJ. A randomized trial of "corollary orders" to prevent errors of omission. *J Am Med Inform Assn.* 1997;4:346-375.
- 50. Glaser J, Teich JM, Kuperman G. Impact of information events on medical care. In: Proceedings and abstracts

- of the 1996 Healthcare Information and Management Systems Society Annual Conference. Atlanta, GA. 1996;1-9.
- 51. Paterno M, Teich JM, Seger DL, Bates DW. A practical method for presenting drug interactions to clinicians. *Proc AMIA Annu Fall Symp*. 1996;20:872.
- 52. Bates DW, Cullen D, Laird N, Peterson LA, Small SD, Servi D, et al. Incidence of adverse drug events and potential adverse drug events. *JAMA*. 1995;274:29-34.
- 53. Johnson JA, Bootman HL. Drug-related morbidity and mortality: a cost-of-illness model. *Arch Intern Med*. 1995;155:1949-1956.
- 54. Leape LL, Bates DW, Cullen DJ, Cooper J, Demonaco HJ, Gallivan T, et al. Systems analysis of adverse drug events. *JAMA*. 1995;274:35-43.
- 55. Bates DW, O'Neil AC, Boyle D, Teich J, Chertow GM, Komaroff AL, et al. Potential identifiability and preventability of adverse events using information systems. *J Am Med Assoc*. 1994;1:404-411.
- 56. Evans RS, Pestotnik SL, Classen DC, Horn SD, Bass SB, Burke JPP. Preventing adverse drug events in hospitalized patients. *Ann Pharmacother*. 1994;28:523-527.
- 57. Sittig DF, Stead WW. Computer-based physician order entry: the state of the art. *J Am Med Inform Assoc*. 1994;1:108-123.
- 58. Bates DW, Leape LL, Petrycki S. Incidence and preventability of adverse drug events in hospitalized adults. *J Gen Intern Med*. 1993;8:289-294.
- Massaro TA. Introducing physician order entry at a major academic medical center. *Acad Med*. 1993;68:20-25.
- Tiech JM, Spurr CD, Flammini SH, et al. Response to a trial of physician based inpatient order entry. *Proc* Annu Symp Comput Appl Med Care. 1993;17:316-320.
- 61. Tierney WM, Miller ME, Overhage JM, McDonald CH. Physician inpatient order writing on microcomputer workstations. *JAMA*. 1993;269:379-383.



- 62. Teich JM, Hurley JF, Beckley RF, Aranow M. Design of an easy-to-use physician order entry system with support for nursing and ancillary departments. *Proc Annu Symp Comput Appl Med Care*. 1992;16:99-103.
- 63. Brown GC. Medication errors: a case study. *Hospitals*. 1979;53:61-2, 65.