

References

- “CPOE, Bedside Technology, and Patient Safety: a Roundtable Discussion.” *American Journal of Health Systems in Pharmacy*. 60:12 (2003): 1219-1228.
- “Computer Technology Improves Operations.” *Hospital Case Management*. 11:3 (2003): 40-42.
- Abdelhak, M., Firouzan, P. A. Ullman, L. “Hospital Information Systems Applications and Potential: A Literature Review Revisited, 1982-1992.” *Health Information Management*. 13:4 (1993): 1-14.
- Ash, J.S., Gorman, P.N. Lavelle, M. Payne, T.H. Massaro, T.A. Frantz, G.L. Lyman, J.A. “A Cross-Site Qualitative Study of Physician Order Entry.” *Journal of the American Medical Informatics Association*. 10:2 (2003): 188-200.
- Ash, J.S., Stavri, P.Z., Kuperman, G.J. “A Consensus Statement on Considerations for a Successful CPOE Implementation.” *Journal of the American Medical Informatics Association*. 10:3 (2003): 229-234.
- Bakker, A. Pluyter-Wenting, E. “Hospital Information Systems,” in Mantar, J. and Hasman, A. (eds.): *Textbook in Health Informatics*. HOS Press, 2002.
- Ball, M. J. “Hospital Information Systems: Perspectives on Problems and Prospects, 1979 and 2002.” *Int J Med Inform*. 69: 2-3 (2003): 83-89.
- Bates, D.W., Evans, R.S. Murff, H. Stetson, P.D. Pizziferri, L. Hrpicsak, G. “Detecting Adverse Events Using Information Technology.” *Journal of the American Medical Informatics Association*. 10:2 (2003): 115-128.
- Bergeron, B.P. “Pen-Based Computing: Applications in Clinical Medicine.” *Journal of Medical Practice Management*. 16:3 (2000): 148-150.
- Breslow, M. J., Rosenfeld, B. A., Doerfler, M., Burke, G., Yates, G., Stone, D. J., Tomaszewicz, P., Hochman, R. Plocher, D. W. “Effect of a Multiple-Site Intensive Care Unit Telemedicine Program on Clinical and Economic Outcomes: An Alternative Paradigm for Intensivist Staffing.” *Critical Care Medicine*. 32:1 (2004): 31-38.
- Briggs, B. “CPOE: Order from Chaos.” *Health Data Management*. 11:2 (2003): 44-8, 50, 52 passim.
- Burke, D. E. Menachemi, N. “Opening the Black Box: Measuring Hospital Information Technology Capability.” *Health Care Management Review*. 29:3 (2004): 210-217.
- Cleverley, W. O. “Financial Dashboard Reporting for the Hospital Industry.” *Journal of Health Care Finance*. 27:3 (2001): 30-40.
- Coile, R. C., Jr. “Technowave 2010: Hospitals Compete on High-Tech Care.” *Michigan Health Hospital*. 39:6 (2003): 12-15.
- Committee on Quality of Health Care in America, Institute of Medicine, *To Err Is Human*. National Academy Press, 2000.
- Committee on Quality of Health Care in America, Institute of Medicine, *Crossing the Quality Chasm: A New Health System for the 21st Century*. National Academy Press, 2001.
- Computerized Physician Order Entry: Costs, Benefits, and Challenges — A Case Study Approach*. Long Beach, CA: First Consulting Group; January 2003.

- Delpierre, C., Cuzin, L., Fillaux, J., Alvarez, M., Massip, P. Lang, T. "A Systematic Review of Computer-Based Patient Record Systems and Quality of Care: More Randomized Clinical Trials or a Broader Approach?" *International Journal of Quality Health Care*. 16:5 (2004): 407-416.
- "Electronic Health Record." *Wikipedia* (Wikimedia Foundation, Inc.), May, 2007.
[http://en.wikipedia.org/wiki/Electronic Health Record](http://en.wikipedia.org/wiki/Electronic_Health_Record). Accessed on June 1, 2007.
- Evans, R.S., Pestotnik, S.L. Classen, D.C. Clemmer, T.P. Weaver, L.K. Orne, J.F., Jr. et al. "A Computer-Assisted Management Program for Antibiotics and Other Antiinfective Agents." *New England Journal of Medicine* 338 (1998): 232-238.
- Finkler, S.A., Henley, R. J. Ward, D. M. "Evidence-Based Financial Management." *Healthcare Financial Management*. 57:10 (2003): 64-68.
- Fleming, J. "The Missing Variable: Ensuring a Positive ROI (return on investment)." *Healthcare Information*. 11:2 (1994): 18, 20, 22.
- Ford, R.M. "Respiratory Care Management Information Systems." *Respiratory Care*. 49:4 (2004): 367-375.
- Garrido, T., Raymond, B., Jamieson, L., et al. "Making the Business Case for Hospital Information Systems – A Kaiser Permanente Investment Decision." *J Health Care Finance*. 31:2 (2004): 16-25.
- Glaser, J. "Analyzing Information Technology Value." *Healthcare Financial Management*. 57:3 (2003): 98-100, 102, 104.
- Gray, M.D., Felkey B.G. "Computerized Prescribe Order-Entry Systems: Evaluation, Selection, and Implementation." *American Journal of Health-Systems in Pharmacy*. 61:2 (2004): 190-197.
- Guchelaar, H.J. Kalmeijer, M.D. "The Potential Role of Computerisation and Information Technology in Improving Prescribing in Hospitals." *Pharmacy and World Science*. 25(3): 83-87, 2003.
- Hasman, A., Safran, C. Takeda, H. "Quality of Health Care: Informatics Foundations." *Methods of Information in Medicine*. 42:5: 509-518.
- Hetico, H.R. "Medical Support Services (Asset or Hindrance?)," in Marcinko, D.E. (Editor): *The Advanced Business of Medical Practice*. New York: Springer Publishing, 2000.
- Hetico, H.R. "Outcomes Management and Medical Performance Improvement," in Marcinko, D.E. (Editor): *The Business of Medical Practice*. New York: Springer Publishing, 2000.
- Hay, J.W. "Hospital Cost Drivers: An Evaluation of 1998-2001 State-Level Data." *American Journal of Managed Care*. 9 Spec No 1: SP13-24, 2003.
- Honan, T.M. Ciotti, V.G. "Information Technology: Doing More, Spending Less." *Healthcare Financial Management*. 54:5 (2000): 44-48.
- Honan, T. Ciotti, V. "Controlling Information Technology Costs." *Michigan Health Hospital*. 38:1 (2002): 8-11.
- Honan, T. Ciotti, V. "Controlling Information Technology Costs, Part 2." *Michigan Health Hospital*. 38:2 (2002): 33-35.
- Honan, T. Ciotti, V. "Controlling Information Technology Costs, Part 3." *Michigan Health Hospital*. 38:3 (2002): 38-39.

- Hsieh, T.C., Kuperman, G.J., Tonushree, J., et al. "Characteristics and Consequences of Drug Allergy Alert Overrides in a Computerized Physician Order Entry System." *J Am Med Inform Assoc.* 11 (2004): 482-491.
- Hynes, D.M., Perrin, R.A., Rappaport S., et al. "Informatics Resources to Support Health Care Quality Improvement in the Veterans Health Administration" *J Am Med Inform Assoc.* 11 (2004): 344-350.
- Institute of Medicine. *To Err is Human: Building a Safer Health System.* The National Academies Press, (1999).
- Institute of Medicine. *Crossing the Quality Chasm: A New Health System for the 21st Century.* The National Academies Press, (2001).
- Jones, M.R. "Computers Can Land People on Mars, Why Can't They Get Them to Work in a Hospital? Implementation of an Electronic Patient Record System in a UK Hospital." *Methods Information in Medicine.* 42:4: 410-415.
- Kaushal, R., Shojania, K.G. Bates, D.W. "Effects of Computerized Physician Order Entry and Clinical Decision Support Systems on Medication Safety: A Systematic Review." *Archives of Internal Medicine.* 163:12 (2003): 1409-1416.
- Kilbridge P., Welebob, E., Classen, D. *Overview of the Leapfrog Group Evaluation Tool for Computerized Physician Order Entry.* Leapfrog Group and First Consulting Group, 2001.
- Kilbridge, P.M., Welebob, E.M., Classen, D.C. "Development of the Leapfrog Methodology for Evaluating Hospital Implemented Inpatient Computerized Physician Order Entry Systems." *Qual Saf Health Care.* 15 (2006): 81-84.
- Kimmel, K.C., Sensemeier J. "A Technological Approach to Enhancing Patient Safety." *Journal of Healthcare Information Management.* 17:2.
- King, L.A., Fisher, J.E., Jacquin, L., Zeltwanger, P.E. "The Digital Hospital: Opportunities and Challenges." *Journal of Healthcare Information Management.* 17:1 (2003): 37-45.
- Kiser, K. "Taming the Paper Tiger." *Minnesota Medicine.* October 2004: 28-29.
- Koppel, R., Metlay, J.P., Cohen, A., et al. "Role of Computerized Physician Order Entry Systems in Facilitating Medication Errors." *JAMA.* 293:1 (2005): 197-201, 203.
- Kuperman, G.J. Gibson, R.F. "Computer Physician Order Entry: Benefits, Costs, and Issues." *Ann Intern Med.* 139:1 (2003): 31-39.
- LaBresh, K.A., Gliklich, R., Liljestrang, J., Peto, R. Ellrodt, A.G. "Using 'Get with the Guidelines' to Improve Cardiovascular Secondary Prevention." *Joint Commission Journal of Quality and Safety.* 29:10 (2003): 539-550.
- Land, S. "Surgical Information Systems. The Technology-Enhanced Surgery Department." *Health Management Technology.* 25:1 (2004): 20-23.
- Lapointe, L., Rivard, S. "Getting Physicians to Accept New Information Technology: Insights from Case Studies." *CMAJ.* 24:11 (2006): 1573-1578.
- Manzo, J., Taylor, R.G., Cusick, D. "Measuring Medication Related ROI and Process Improvement after Implementing POE." *HIMSS News,* February 2001.

- May, E.L. "The Case for Bar Coding: Better Information, Better Care — And Better Business." *Healthcare Executive*. 18:5 (2003): 8-13.
- McDonald, C.J., Overhage, J.M. Mamlin, B.W. Dexter, P.D. Tierney, W.M. "Physicians, Information Technology, and Health Care Systems: A Journey, Not a Destination." *Journal of the American Medical Informatics Association*. 11:2 (2004): 121-124.
- McKinley, B.A., Moore, F.A., Sailors, R.M., Cocanour, C.S., Marquez, A., Wright, R.K., Tonnesen, A.S., Wallace, C.J., Morris, A.H. East, T.D. "Computerized Decision Support for Mechanical Ventilation of Trauma Induced ARDS: Results of a Randomized Clinical Trial." *Journal of Trauma*. 50:3 (2001): 415-424; discussion 425.
- Metfessel, B. "Processes Improvement for Physicians and Health Plans," in Marcinko, D.E. (editor): *The Advanced Business of Medical Practice*. New York: Springer Publishing, 2004.
- Metfessel, B. "Using IT Systems to Track Medical Care," in Marcinko, D.E. (editor): *The Advanced Business of Medical Practice*. New York: Springer Publishing, 2004.
- Monegain, B (Ed.). "We've Got to Adapt Health Information Technology, and Get on With It." *Healthcare IT News*. 2006-10-11.
- Morris H. "The Financial Impact of Business Analytics: Build vs. Buy." *DM Review*. January 2003.
- Morrissey, J. "Show Them the Money. Healthcare Providers Say It Will Take More Than Vision to Turn the Government's Health IT Plans into Reality." *Modern Healthcare*. 34:30 (2004): 6-7, 10.
- Mutter, M. "One Hospital's Journey Toward Reducing Medication Errors." *Joint Commission Journal of Quality and Safety*. 29:6 (2003): 279-288.
- Ohsfeldt, R.L., Ward, M.M., Schneider J.E., et al. "Implementation of Hospital Computerized Physician Order Entry Systems in a Rural State: Feasibility and Financial Impact." *J Am Med Inform Assoc*. 12 (2005): 20-27.
- Oren, E., Shaffer, E.R. Guglielmo, B.J. "Impact of Emerging Technologies on Medication Error and Adverse Drug Reactions." *American Journal of Health-Systems in Pharmacy*. 60:14 (2003): 1447-1458.
- Pestotnik, S.L, Classen, D.C. Evans, R.S. Burke, J.P. "Implementing Antibiotic Practice Guidelines Through Computer-Aided Decision Support: Clinical and Financial Outcomes." *Annals of Internal Medicine*. 124:10 (1996): 884-890.
- Poon, E.G., Cina, J.L., Churchill, W., et al. "Medication Dispensing Errors and Potential Adverse Drug Events Before and After Implementing Bar Code Technology in the Pharmacy." *Ann Intern Med*. 145:6 (2006): 426-434.
- Posey L.M. "Medication Errors: Technology Coming to the Rescue." *Pharmacy Today*. 8:2 (2002): 1, 11, 23.
- Reider, J. "Computerized Physician Order Entry: Has the Time Come?" *General Medicine*. 5:2 (2003): 42.
- Rosenstein, A. H. "Measuring the Benefit of Performance Improvement and Decision Support." *American Journal of Medical Quality*. 14:6 (1999): 262-269.
- Rosenstein, A. H. "Inpatient Clinical Decision-Support Systems: Determining the ROI." *Healthcare Financial Management*. 53:2 (1999): 51-55.

- Scalise, D. MDs + IT. "Facilitating Physician Adoption." *Hospital Health Network*. 77:4 (2003): 41-46, 41.
- Snyder-Halpern, R. "Assessing Health Care Setting Readiness for Point of Care Computerized Clinical Decision Support System Innovations." *Outcomes Management in Nursing Practice*. 3:3 (1999): 118-127.
- Solovy, A. "The Big Payback: 2001 Survey Shows a Healthy Return on Investment for Info Tech." *Hospitals and Health Networks*. 75:7 (2001): 40-50.
- Stablein, D., Welebob, E., Johnson, E., Metzger, J., Burgess, R. Classen, D.C. "Understanding Hospital Readiness for Computerized Physician Order Entry." *Joint Commission Journal of Quality and Safety*. 29:7 (2003): 336-344.
- Technology Assessment: Computerized Physician Order Entry*. Institute for Clinical Systems Improvement. June 2001.
- Terenziani, P., Montani, S., Bottrighi, A., Torchio, M., Molino, G. Correndo, G. A "Context-Adaptable Approach to Clinical Guidelines." *Medical Informatics*. (2004) 169-173.
- Tierney, W.M., Overhage, J.M. Takesue, B.Y. Harris, L.E. Murray, M.D. Vargo, D.L. McDonald, C.J. "Computerizing Guidelines to Improve Care and Patient Outcomes: The Example of Heart Failure." *Journal of the American Medical Informatics Association*. 2 (1995): 316-322.
- Tierney, W.M., Miller, M.E. Ovehage, J.M. McDonald, C.J. "Physician Inpatient Order Writing on Microcomputer Workstations. Effects on Resource Utilization." *JAMA*. 269 (1993): 379-383.
- Tjahjono, D., Kahn, C.E. "Promoting the Online Use of Radiology Appropriateness Criteria." *RadioGraphics*. 19:6 (1999): 1673-1681.
- van der Meijden, M. J., Solen, I., Hasman, A., Troost, J. Tange, H.J. "Two Patient Care Information Systems in the Same Hospital: Beyond Technical Aspects." *Methods Internal Medicine*. 42:4: 423-427.
- Varon, J. Marik, P.E. "Clinical Information Systems and the Electronic Medical Record in the Intensive Care Unit." *Current Opinions in Critical Care*. 8:6 (2002): 616-624.
- Vegoda, P.R. "Introduction to Hospital Information Systems." *International Journal for Clinical Monitoring by Computers*. 4:2 (1987): 105-109.

Website

www.qualitycheck.org

This website rates 3,300 hospitals on how they treat clinical conditions like heart attack, pneumonia, and pregnancy. The Joint Commission sponsors the site that plans to add more categories in 2005 – 2006.