

Hierarchy of Patient Safety Interventions – References

- 1) Berry LL, Parker D, et al. The business case for better buildings. *Front Health Serv Manage*. 2004 Fall;21(1):3-24.
- 2) Rashid M. A decade of adult ICU design: a study of the physical design -best-practice examples. *Crit Care Nurs Q*. 2006 Oct-Dec;29(4):282-311.
- 3) Donchin Y. Resuscitation trolleys: human factors engineering. *Qual Saf Health Care*. 2002 Dec;11(4):393.
- 4) Lin L, Isla R, Doniz K, Harkness H, Vicente KJ, Doyle DJ. Applying human factors to the design of medical equipment: patient-controlled analgesia. *J Clin Monit Comput*. 1998 May;14(4):253-63.
- 5) Grout J. Drive bar on portable X-ray machine. Mistake Proofing Concepts. http://www.npsa.nhs.uk/site/media/documents/356_mistakeproofing.pdf
- 6) Gosbee J. Personal Communication – UMHS and UPMC purchase and use of one defibrillator brand – 2003-4; Univ of Penn → resident admitting mistake to attending, who takes systems view and converts resident for life
- 7) Choksi VR, Marn CS, Bell Y, Carlos R. Efficiency of a semiautomated coding and review process for notification of critical findings in diagnostic imaging. *Am J Roentgenol*. 2006 Apr;186(4):933-6.
- 8) Arbous MS, Meursing AE, et al. Impact of anesthesia management characteristics on M&M. *Anesthesiology*. 2005 Feb;102(2):257-68.
- 9) Kozer E, Scolnik D, MacPherson A, Rauchwerger D, Koren G. Using a preprinted order sheet to reduce prescription errors in a pediatric emergency department: a randomized, controlled trial. *Pediatrics*. 2005 Dec;116(6):1299-302.
- 10) Institute for Safe Medication Practice (ISMP). See www.ismp.org
- 11) Barenfanger J, Sautter R, et al. Improving patient safety by read-back telephone reports of critical information. *Am J Clin Pathol*. 2004 Jun;121(6):801-3.
- 12) "Public Meeting on Improving Patient Safety by Enhancing the Container Labeling for Parenteral Infusion Drug Products" January 11, 2007. <http://www.fda.gov/cder/meeting/parenteral/drews.pdf>
- 13) Gosbee LL. Exploration of two double-check methods. ISMP- Canada Report. <http://www.ismp-canada.org/download/ISMP%20Canada-Usability%20Test%20Report-Independent%20Double%20Check%20%20June06.pdf>
- 14) Wogalter MS, Vigilante WJ. Effects of label format on knowledge acquisition & perceived readability. *Ergonomics*. 2003 Mar 15;46(4):327-44.
- 15) Wogalter MS, Conzola VC, Smith-Jackson TL. Research-based guidelines for warning design/evaluation. *Appl Ergon*. 2002 May;33(3):219-30.
- 16) Croskerry P. Cognitive forcing strategies in clinical decision making. *Ann Emerg Med*. 2003 Jan;41(1):110-20.

Supporting References

- 1) Gosbee JW, Gosbee LL (Eds.). *Using Human Factors Engineering to Improve Patient Safety*. Oakbrook Terrace: Joint Comm. Resources, 2005.
- 2) Gosbee JW. Conclusion: You need human factors engineering expertise to see design hazards. *Jt Comm J Qual Saf*. 2004;30(12):696-700.
- 3) Wiklund M. Eleven Keys to Designing Error-Resistant Medical Devices. *MD&DI*. May 2002, 86-90. <http://www.devicelink.com/mddi/archive/02/05/004.html>