



Usability testing provides the opportunity to detect and analyze potentially dangerous problems with the design of infusion pumps that could cause or allow avoidable errors” Miller et al (2016).

Abstract:

With the recognition that the introduction of new technology causes changes in workflow and may introduce new errors to the system, usability testing was performed to provide data on nursing practice and interaction with infusion pump technology. Usability testing provides the opportunity to detect and analyze potentially dangerous problems with the design of infusion pumps that could cause or allow avoidable errors. This work will reduce preventable harm through the optimization of health care delivery.

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Reference:

Miller, K.E., Arnold, R., Capan, M., Campbell, M., Zern, S.C., Dressler, R., Duru, O.O., Ebbert, G., Jackson, E. Jr., Learish, J., Strauss, D., Wu, P. and Bennett, D.A. (2016) Improving Infusion Pump Safety Through Usability Testing. Journal of Nursing Care Quality. August 5th. .



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