Abstract

Despite the advantages of utilizing hospital information systems (HISs) in nursing care, and their contribution to nursing structures and care processes, the troubling issue of HIS underutilization continues. Low utilization of installed systems has been identified as a major problem in implementing information technology (IT). Unfortunately, nurses have been unwilling to apply technology to healthcare delivery, although they generally have a positive attitude toward computers. In this study, based on the Critical Success Factos (CSFs) and DeLone and McLean's Information Systems success model, an implementation framework, made up of essential elements to guide successful HIS implementation for nursing staff is proposed. This study is among the few that have tested empirically an implementation framework in the developing countries settings, and provides helpful guidelines for hospital managers in planning HIS implementation in such countries.

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Index Terms

Computer Science

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Keywords

Hospital Information System, Success model, Information culture, Organization culture, trust, developing countries.