

ABSTRACT

RESEARCH PAPER: Nurses' Knowledge, Beliefs, Motivation and Computer Use Satisfaction

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The nursing profession has experienced an increase in use of computer systems in both nursing education and all types of health-care facilities. By evaluating the knowledge base and attitudes of nurses, the level of acceptance towards computerized charting can be predicted (Burkes, M. 1991).

The purpose of this study is to examine relationships among nurses' computer use knowledge, satisfaction, beliefs, motivation, and computer use satisfaction with an electronic documentation system in an acute care setting. This is an approximate replication of Burkes (1991) study, which will use Vroom's (1964) Expectancy Theory as the framework. The sample will include 100 registered nurses working on medical surgical units in a hospital located in southern Ohio. Participants will be fulltime registered nurses who are currently using computerized documentation and agree to participate in this study. Ball State University Institutional Review Board and the participating hospital will approve the study.

Burkes (1991) questionnaire will be administered to those nurses who agree to participate in this study. Findings will identify nurses' perceptions, beliefs, satisfaction,

and motivation towards computer use and the relationship of computer knowledge and acceptance by nurses.