



## UNDERSTANDING NURSES' PERCEPTIONS OF ELECTRONIC HEALTH RECORD USE IN AN ACUTE CARE HOSPITAL SETTING

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As an increasing number of nurses will be expected to adopt electronic health records into their practice, understanding the factors that contribute to nurses' perceptions of their use of the technology is important. The results of a literature review on this topic suggest that the main factors that influence nurses' use of electronic health records are organizational context, usability and individual nurse characteristics.

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### PURPOSE/OBJECTIVES

The purpose of this study is to a) determine whether the concepts of organizational context and usability are related to acute care nurses' perceptions of their use of electronic health records, b) examine individual nurse characteristics as possible moderators to this relationship, and c) understand if a combination of these factors is associated with acute care nurses' perceptions of their use of electronic health records.

### FINDINGS/IMPACT/OUTCOMES

- A. Data from phase one of this doctoral dissertation study is currently being analyzed.
- B. Data collection will begin in summer 2016 for phase two of this study.

### CONCLUSIONS

By understanding how various barriers and facilitators influence nurses' use of EHRs, interventions can be developed to better support nursing professional practice. It has been suggested in the literature that if clinicians are able to use the technology to support their professional practice fully, the benefits of installing the electronic health record may be achieved. Therefore, this research could offer an important contribution to helping Canadian health care organizations be able to realize the benefits of the technology among their largest user group - nurses.