Barriers and Drivers to Adoption of Electronic Health Record Systems

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Abstract

The purpose of this study is to understand health professionals' perception and intention towards Electronic Health Record (EHR) systems and how those intentions play a vital role in improving the adoption of EHR systems. We proposed a research model based on the unified theory of acceptance and use of technology and health belief model to investigate the impact of specific factors on health professionals' intentions of using EHR systems. The results showed that trust is a significant influencing factor to the adoption and acceptance of EHR systems by health professionals. This study then recommended that further investigation into the barriers and drivers of EHR adoption should be done. By identifying and understanding the determinants of adopting EHRs, interventions and education can be designed to improve the adoption of EHRs.

Keywords: Electronic health record, health care, adoption, trust, and survey.

An updated manuscript may be found at https://jisar.org