ABSTRACT

Innovation Acceptance and Doctor Compliance Intention Analysis in New Medical Record Format Implementation According to KARS 2012 Hospital Accreditation Standards Using Decomposed-TPB Model

This study analyzes factors that influence doctor acceptance and intention to use the new medical record format as well as the intention of compliance with a number of service standards in the implementation of the new medical record format in Dr. Soetomo Public Hospital Surabaya. This study integrates Theory Acceptance Model (TAM) and the Theory of Planned Behavior (TPB) or collectively called decomposed TPB model. This research is a quantitative descriptive and exploratory research. Data collection was performed in 82 respondents consisting of Pediatrics and Internal Medicine Residents. Data collection technique using questionnaires. Statistical analysis used multiple linear regression analysis method to evaluate the influence between the variables studied. The results of this study found that the variable perceived usefulness, ease of use and compatibility together and partially affect the level of implementation of the doctor’s attitude in the implementation of the new medical record format \( F \text{ count} 41.069, \text{perceived usefulness} (\beta=0.358, p=0.011), \text{ease of use} (\beta=0.265, p=0.016) \text{and compatibility} (\beta=0.274, p=0.009) \}. Only attitude and perceived behavioral control variables partially significant effect on the level of doctor behavior intention in implementation of new medical record format \{ \text{attitude} (\beta=-0.316, p=0.025), \text{and perceived behavioral control} (\beta=0.591, p=0.001) \}. The conclusion of this study is that attitude is founded on perceived usefulness, ease of use and compatibility of the value of the new medical format and perceived behavioral control or supporting resources greatly affect doctor intention to adhere to implement the new medical record format in accordance with established standards.

Keywords: decomposed-TPB, TAM, medical record.