

Analysis of the Implementation of Electronic Medical Records in the Outpatient Unit Using the Technology Acceptance Model at Legung Public Health Center

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ABSTRACT

Legung Public Health Center began implementing the Electronic Medical Records (EMR) system in 2024 and continues to do so today. However, preliminary studies have found that the completion rate of electronic medical records is still below 100%, with some staff members still neglecting to follow the procedures for operating the EMR. The purpose of this study is to analyse the acceptance of electronic medical record usage using the Technology Acceptance Model (TAM) at Legung Health Centre in Sumenep District. The researcher employed a quantitative research method with a sample size of 30 respondents. Data analysis was conducted using Spearman's rank correlation test with SPSS. The results of the variable identification showed that ease of use was rated as easy with a percentage of 63.33%, perceived usefulness was rated as very useful with a percentage of 43.33%, attitude toward using the technology was rated as very good with a percentage of 46.7%, and usage was rated as very good with a percentage of 66.67%. There is a significant relationship between perceived ease of use and perceived usefulness with a value of ($p\text{-value}=0.010$), there is a significant relationship between perceived usefulness and attitude toward using with a value of ($p\text{-value}=0.000$), there is no significant relationship between perceived ease of use and attitude toward using with a value of ($p\text{-value}=0.060$), there is a significant relationship between attitude toward using and actual usage with a $p\text{-value}$ of 0.008. Not all variables in the technology acceptance model method have a significant relationship. The recommendation from this study is for health centres to conduct regular training and mentoring for all staff.

Keywords: *Electronic Medical Records, Technology Acceptance Model (TAM), Technology Acceptance, Public Health Center*