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INFLUENCE OF MONITORING AND EVALUATION STRATEGY ON IMPLEMENTATION OF DONOR ASSISTED E-HEALTH MANAGEMENT SYSTEMS IN PUBLIC HEALTH FACILITIES IN NAKURU COUNTY

E-health is emerging as one of the most important paradigms of healthcare management due to its significant potential to deliver quality health care and cost-effectiveness depending on e-health systems by governments and development partners. However, E-Health adoption remains low in many countries and even when some of the known barriers have been mitigated by the implementers using several strategies among them the use of monitoring and evaluation (M&E). Therefore, the purpose of this study was to analyze the influence of M&E strategy on implementation of donor assisted e-health management systems in Kenya focusing on public health facilities in Nakuru County. The study was guided by The Resource-Based View of organizations. The study used descriptive survey research design targeting; 2 health ministries at the national and county levels, 42 public health facilities and 7 NGOs in the County and the accessible population was 220 persons comprising e-Health program managers and staff. Both purposive and stratified random sampling was used to obtain a sample size of 111 respondents out of which 79 participated in the study. Data was collected using questionnaires and analyzed using both descriptive and inferential statistical methods. The findings revealed that M&E strategy ($t = 2.01$, $p < 0.05$) had a statistically significant relationship with the implementation of e-health management systems in public health facilities in Nakuru County in the regression model implying that it was an influential factor which could not be overlooked in the implementation process. Further, results from the regression analysis revealed that M&E strategy could explain up to 21.9% of the variations in the implementation variable. The study, therefore, recommends that the e-health system implementing organizations ensure that in addition to the M&E evaluations, quality evaluation and reporting be also made so as to be able to raise the quality standards of the system after implementation.

Keywords

E-Health Management Systems, Implementation, Monitoring and Evaluation strategy

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