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Assessment of the Influence of E-waste Types on E-waste Management Practices in Medical Facilities in Nakuru Town, Kenya

Medical facilities are increasingly deploying medical electronic devices in their different operations. These devices can end up as e-waste which is detrimental to the environment and human health. Awareness is a crucial factor in tackling the e-waste issue. Understanding e-waste awareness and perception is crucial in developing e-waste management practices. The objective of the study is to evaluate the extent of awareness of e-waste and its effects on the environment amongst workers in medical facilities in Nakuru town, Kenya. Questionnaires was administered to administrators or personnel in charge of waste management in the medical facilities and secondary was obtained through literature review. From the target population of 145 medical facilities, a sample size of 95 was derived; this represents personnel in the facilities. Convenience sampling was used to choose the facilities. Quantitative data was managed using Statistical Package for social science (SPSS).the results of the study aims to improve the e-waste management initiatives for medical facilities.

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