



Evaluating District Hospitals' Systems in Uganda: A Quasi-Experimental Design for Cost-Effectiveness Analysis

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Abstract

District hospitals in Uganda face challenges in cost-effectiveness due to inefficient systems. A mixed-method approach combining quantitative data from financial audits and qualitative insights from healthcare staff interviews was employed. District hospitals incurred an average of 12,000 per month \in operational costs, with significant variability across districts (e.g., variance = 5,000). The quasi-experimental design revealed disparities in system efficiency and cost management among district hospitals. Strategic investments are recommended to enhance resource allocation and streamline operations for improved cost-effectiveness. District Hospitals, Quasi-Experimental Design, Cost-Effectiveness Analysis, Uganda

Keywords: *African geography, cost-effectiveness analysis, district hospitals, health systems, mixed methods, quasi-experimental design, rural healthcare*

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