

**DETERMINANTS OF THE QUALITY OF LIFE OF CAREGIVERS OF
CHILDREN WITH SICKLE CELL DISEASE AT SIAYA COUNTY
REFERRAL HOSPITAL, KENYA**

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R50/25084/2018

**A THESIS SUBMITTED IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF MASTER OF
SCIENCE IN PAEDIATRIC NURSING IN THE DEPARTMENT OF
MEDICAL SURGICAL NURSING AND PRE-CLINICAL SCIENCES IN THE
SCHOOL OF HEALTH SCIENCES OF KENYATTA UNIVERSITY**



JULY, 2023

DECLARATION**Student Declaration**

This thesis is my original work and has not been presented for a degree in any other University.

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Supervisors Declaration

This thesis has been submitted for review with our approval as University Supervisors.

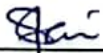
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ABSTRACT

Sickle Cell Disease (SCD) is a high-morbidity and early-mortality ailment if not managed and controlled properly. Several challenges are usually experienced by both the caregiver as well as the family unit since the children are usually highly dependent on them for their daily activities. This study, therefore, sought to establish the determinants of quality of life (QoL) of individuals taking care of children with SCD attending care at Siaya County Referral Hospital, Kenya. The study adopted a descriptive analytic study design. This research has been theorized by the QoL Major Domains Model by Basavaraj et al (2010), and the WHOQOL tool for data collection. The study population were caregivers of children suffering from SCD seeking care at the Siaya County Referral Hospital in Kenya. Sixty (60) participants were sampled to collect the desired data. The identification of the study participants was achieved through a convenience sampling method. Data from both pretests and study population was analyzed using IBM's SPSS version 25. Findings from the study indicated that 70% of the caregivers had good quality of life; employment $\chi^2 (1, N = 60) = 9.3, p = .002$, financial security $\chi^2 (1, N = 60) = 7.1, p = .008$, monthly income $\chi^2 (1, N = 60) = 6.6, p = .01$, acquisition of new information $\chi^2 (1, N = 60) = 6.5, p = .011$, support from friends $\chi^2 (1, N = 60) = 4.4, p = 0.037$, ability to get around life ($\chi^2 (1, N = 60) = 13.6, p < 0.001$) and quality of sleep ($\chi^2 (1, N = 60) = 25.7, p < 0.001$) impacted positively on caregivers' quality of life. Results also indicated that frequency of hospitalization ($\chi^2 (1, N = 60) = 0.0510, p = .021$) and frequent negative feelings ($\chi^2 (1, N = 60) = 4.5, p = .033$) impacted negatively on the caregivers' quality of life. Predictors of QoL included source of income, ability to acquire new information and satisfaction with relationship. In conclusion, no association was observed between Socio-demographic factors and QoL however there is significant association between economic and psychosocial factors and QoL. Health education should be strengthened and incorporated in the special clinics to provide necessary information to the caregivers. All levels of government should provide financial empowerment to caregivers of children with sickle Cell Disease.