

**Influence of Personality Traits, Resilience and Perceived Stigma on Cancer Patients' Quality of Life in University College Hospital, Ibadan, Nigeria**

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**In Partial Fulfillment of the Requirements for the Award of Master of Science Degree (MSc) in Clinical Psychology**

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## Certification

This is to certify that Elizabeth Oluwatoyin AKIN-ODANYE with matriculation number LCU/PG/003085 carried out this research work on “Influence of Personality Traits, Resilience and Perceived Stigma on Cancer Patients’ Quality of Life in University College Hospital, Ibadan, Nigeria” in the Department of Psychology, Faculty of Management and Social Sciences, Lead City University, Ibadan, Oyo State, for the award of Master of Science Degree (MSc) in Clinical Psychology and that this has not been previously submitted.

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Dr Johnson T. Oyeleke  
**(Supervisor)**

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Date

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Dr J. R. Adebuisi  
**(Head of the Department)**

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Date

## **Dedication**

This research work is dedicated to God Almighty and to all people that have been affected by cancer.

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## Acknowledgement

I appreciate the management of Lead City University, Ibadan, Oyo State for the privilege to learn in this citadel of academic excellence. I further acknowledge the University College Hospital, Ibadan and all the cancer patients with their formal and informal caregivers for the cooperation accorded me during the data collection process without which this research work would have been impossible to achieve.

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Though the above-mentioned institutions and persons have assisted in the process of this research work, I take responsibility for all errors, if any, found in the work.

## Abstract

This study explored the influence of personality traits, resilience and perceived stigma on cancer patients' quality of life (QoL) guided by the Contextual Model of Health Related Quality of Life (CM-HRQoL). The study adopted a descriptive quantitative cross-sectional design using survey method. Purposive sampling technique was used to recruit 144 cancer patients from the Radiation Oncology Clinic, University College Hospital Ibadan. Respondents' ages ranged from 18 to 89 with a mean of 52.64 and standard deviation of 15.20. Sample size was determined using Krejcie and Morgan table. Data was collected using reliable and valid measures of QoL, personality traits (conscientiousness, agreeableness, neuroticism, openness to experience, and extroversion), resilience and perceived stigma. Three hypotheses were tested using regression analysis and ANOVA. Personality traits had significant joint predictive influence on QoL explaining 40.00% of the variance in QoL ( $F_{(5,138)} = 18.66, P < 0.01; R^2 = 0.40$ ). However, only neuroticism ( $\beta = .56, t = 8.07, P < 0.01$ ), conscientiousness ( $\beta = -.21, t = -2.74, P < 0.05$ ) and extroversion ( $\beta = -.17, t = -2.43, P < 0.05$ ) had significant independent influence on QoL while openness to experience ( $\beta = .07, t = .97, P > 0.05$ ) and agreeableness ( $\beta = .09, t = 1.22, P > 0.05$ ) did not. Furthermore, resilience ( $F_{(1,140)} = 11.96, P < 0.01$ ), perceived stigma ( $F_{(1,140)} = 47.52, P < 0.01$ ) and cancer type ( $F_{(1,136)} = 2.97, P < 0.05$ ) had significant main effect on QoL, but there was no significant interaction effect between resilience and perceived stigma on QoL ( $F_{(1,140)} = .04, P > 0.05$ ) as well as between resilience and cancer type on QoL ( $F_{(1,136)} = .47, P > 0.05$ ). The study concluded that better QoL is associated with higher conscientiousness, extroversion and resilience while worse QoL is associated with higher neuroticism and perceived stigma. It was therefore recommended that these variables should be considered when designing interventions to improve cancer patients' QoL.

**Keywords:** Cancer Patients, Personality traits, Resilience, Perceived Stigma, Quality of life.

**Word Count:** 297

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## List of Acronyms

<b>Abbreviation</b>	<b>Meaning</b>	<b>Page</b>
QoL	Quality of Life	1
HRQoL	Health-Related Quality of Life	1
CANOE	Conscientiousness, agreeableness, neuroticism, openness to experience and extroversion	2
UCH	University College Hospital	8
HoN	Hierarchy of Needs	24
CHP	Centre for Health Promotion	26
CM-HRQoL	Contextual Model of Health Related Quality of Life	29
COVID-19	Corona Virus Disease 2019	34
HIV	Human Immunodeficiency Virus	34
ALL	Acute Lymphatic Leukemia	37
CML	Chronic Myeloid Leukemia	37
QLACS	Quality of Life in Adult Cancer Survivors	52
BFI-2-XS	Big Five Inventory–2 Extra-Short Form	52
BRCS	Brief Resilience Coping Scale	53
CLCSS	Cataldo Lung Cancer Scale	53
UI/UCH/IRB	University of Ibadan/ University College Hospital/ Institutional Review Board	55
SPSS	Statistical Package for Social Sciences	56

IBM	International Business Machines	56
ANOVA	Analysis of Variance	56
CI	Confidence Interval	57
CSS	Cancer Stigma Scale	129

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