

TABLE OF CONTENTS

TITLE PAGE.....	i
APPROVAL PAGE.....	ii
PREFACE.....	iii
PLAGIARISM FREE STATEMENT.....	vi
TABLE OF CONTENTS.....	xi
LIST OF TABLES.....	xii
LIST OF FIGURES.....	xiii
CHAPTER I. INTRODUCTION.....	1
I.1. Background.....	1
I.2. Problem Formulation.....	3
I.3. Research Objective.....	3
I.4. Research Authenticity.....	5
I.5. Study Benefits.....	6
CHAPTER II. BIBLIOGRAPHICAL REVIEW.....	7
II.1. Literature Review.....	7
II.1.1. Human Immunodeficiency Virus (HIV).....	7
II.1.2. Acquired Immunodeficiency Syndrome (AIDS).....	13
II.1.3. Antibiotic Susceptibility.....	18
II.2. Basic Theory.....	27
II.3. Theoretical Framework.....	28
II.4. Conceptual Framework.....	29
CHAPTER III. RESEARCH METHODOLOGY.....	30
III.1. Research Design.....	30
III.2. Research Place and Time.....	30
III.3. Research Subject and Population.....	30
III.4. Sample and Data Collection.....	30
III.5. Variable and Operational Definition.....	32
III.6. Study Materials, Tools and Measurement.....	32
III.7. Study Procedure.....	33
III.8. Data Analysis.....	35
CHAPTER IV. RESULTS AND DISCUSSION.....	36
IV.1. Results.....	36
IV.2. Discussion.....	45
IV.3. Study Limitations.....	49
CHAPTER V. CONCLUSION AND RECOMMENDATION.....	50
V.1. Conclusion.....	50
V.2. Recommendation.....	51
REFERENCES.....	52

LIST OF TABLES

Table 1.	Research Authenticity.....	4
Table 2.	The CDC's AIDS-defining conditions.....	13
Table 3.	Available Antiretroviral Therapy with its Year of Approval (Arbeitskreis Blut, 2016).....	15
Table 4.	Sociodemographic distribution of the study's subjects in terms of gender, age and educational background.....	33
Table 5.	Sociodemographic distribution of the study's subjects in terms of CD4+ T-Cell Count, Clinical Stadium, ART status and Cotrimoxazole Prophylaxis.....	34
Table 6.	Distribution of the study's bacterial profile based on species, from the most to least frequently isolated.....	36
Table 7.	Distribution of the study's antibiotic susceptibility patterns of isolated Gram-negative gastrointestinal bacteria of HIV/AIDS patients in Dr. Sardjito Referral Hospital.....	37
Table 8.	Distribution of the Study's Antibiotic Susceptibility Patterns of Isolated Gram-negative Gastrointestinal Bacteria of HIV/AIDS Patients towards Cotrimoxazole based on Clinical Stadium, Cotrimoxazole Prophylaxis and ART Status in Dr. Sardjito Referral Hospital.....	39
Table 9.	Distribution of the Study's Antibiotic Susceptibility Patterns of Isolated Gram-negative Gastrointestinal Bacteria of HIV/AIDS Patients towards Ampicillin based on Clinical Stadium, Cotrimoxazole Prophylaxis and ART Status in Dr. Sardjito Referral Hospital.....	41
Table 10.	Antibiotic Susceptibility Patterns of Isolated Bacteria from the <i>Enterococcus</i> spp. species of HIV/AIDS Patients in Dr. Sardjito Referral Hospital.....	42

LIST OF FIGURES

Figure 1.	Cellular structure of the human-immunodeficiency virus (US National Institute of Health).....	7
Figure 2.	Theoretical Framework.....	25
Figure 3.	Conceptual Framework.....	26