

TABLE OF CONTENTS

APPROVAL PAGE	ii
AUTHENTICITY STATEMENT	iii
PREFACE	iv
TABLE OF CONTENTS	vii
LIST OF TABLES	ix
LIST OF FIGURES	x
LIST OF ATTACHMENTS	xi
ABSTRAK	xii
CHAPTER I	1
INTRODUCTION	1
A. Background	1
B. Problem Formulation	3
C. Study Objective	4
D. Research Authenticity	5
E. Study Benefit	6
F. Ethical Clearance	6
CHAPTER II	7
LITERATURE REVIEW	7
A. Epidemiology	7
B. Etiopathogenesis	8
C. Natural History	13
D. Diagnosis	15
E. Management	17
F. Theoretical Framework	20
H. Conceptual Framework	21
CHAPTER III	22
METHOD	22
A. Study Design	22
B. Study Subject	22
C. Tool and Material	23
D. Study Procedure	23
E. Variable and Data	23
F. Operational Definition of Variables	24

G. Research Schedule	25
H. Ethical Consideration	25
CHAPTER IV	26
RESULT AND DISCUSSION	26
A. Result	26
B. Discussion	40
CHAPTER V	44
CONCLUSION AND SUGGESTIONS	44
A. Conclusion	44
B. Suggestion	44
BIBLIOGRAPHY	46
ATTACHMENT	48

LIST OF TABLES

Table 1. The comparison of other related articles to this study.....	5
Table 2. Baseline Characteristics of HBV infection patients treated with nucleos(t)ide analogue reverse transcriptase inhibitors.	30
Table 3. Number of patients in each HBV DNA group at the end of study	34
Table 4. Pearson Chi-Square Test of Association between HBV DNA level in the beginning of study and end result	37
Table 5. Fisher's Exact Test of association between gender and end result.	38
Table 6 Pearson Chi-Square Test of association between age and end result.....	39

LIST OF FIGURES

Figure 1: Structure of Hepatitis B Virus DNA	9
Figure 2: Pathogenesis of Hepatitis B Virus	11
Figure 3: Natural History of Hepatitis B Virus Infection	15
Figure 4: Theoretical Framework	20
Figure 5: Conceptual Framework	21
Figure 6: Study population of Hepatitis B Virus patient treated with Nucleos(t)ide Analogue Reverse Transcriptase Inhibitors.	28
Figure 7: Total number of each gender of the patients included in the study	31
Figure 8: The number of patients in each age groups included in the study	31
Figure 9: Mean HBV DNA levels (IU/mL)	33
Figure 10 : Patients' HBV DNA levels at the end of study based on gender	35
Figure 11: Patients' HBV DNA levels based on age groups	36

LIST OF ATTACHMENTS

Attachment 1: Ethical Clearance	48
Attachment 2: Chi-Square Test of Baseline HBV DNA and Treatment Outcome	49
Attachment 3: Chi-Square Test of Age and Treatment Outcome	51
Attachment 4: Chi-Square Test of Gender and Treatment Outcome	53