

## TABLE OF CONTENTS

APPROVAL PAGE .....	i
AUTHENTICITY STATEMENT .....	ii
PREFACE .....	iii
TABLE OF CONTENTS .....	v
LIST OF TABLES .....	vii
LIST OF FIGURES .....	viii
LIST OF GRAPHS .....	ix
LIST OF APPENDICES .....	x
ABSTRACT .....	xi
INTISARI.....	xii
CHAPTER 1 INTRODUCTION .....	1
1.1 Background.....	1
1.2 Problem Formulation.....	2
1.3 Study Objectives.....	3
1.4 Study Benefit.....	3
1.5 Study Authenticity.....	4
CHAPTER 2 LITERATURE REVIEW .....	5
2.1 Epidemiology .....	5
2.2 Etiopathogenesis.....	7
2.3 Natural History .....	16
2.4 Diagnosis .....	19
2.5 Management .....	20
2.6 Theoretical Framework .....	23
2.7 Conceptual Framework .....	24
CHAPTER 3 METHOD .....	25
3.1 Study Design .....	25
3.2 Study Subject.....	25
3.3 Tools and Material.....	26

3.4 Study Procedure.....	27
3.5 Variables and Data .....	27
3.6 Operational Definition.....	29
3.7 Data Analysis Method .....	29
3.8 Study Schedule and Cost.....	30
3.9 Ethical Consideration .....	30
CHAPTER 4 RESULTS AND DISCUSSION .....	31
4.1 Baseline Characteristics.....	31
4.2 Results and Discussion .....	34
4.3 Study Limitation.....	39
CHAPTER 5 CONCLUSION AND SUGGESTION .....	40
5.1 Conclusion.....	40
5.2 Suggestion .....	40
REFERENCES.....	41
APPENDICES .....	44

## LIST OF TABLES

<b>Table Number</b>	<b>Title of Table</b>	<b>Page</b>
<b>Table 1</b>	Research Authenticity	4
<b>Table 2</b>	Operational definition, measuring tool, parameter and scale used to analyze data	28
<b>Table 3</b>	Baseline Characteristics	32
<b>Table 4</b>	Mean Value of Months that HBeAg took to Seroconvert into Anti HBeAg	34
<b>Table 5</b>	Mean Value of Months that HBV DNA took to get Undetected	35
<b>Table 6</b>	Mean Time that HBeAg patients took to get their HBV DNA to get undetected	36

## LIST OF FIGURES

<b>Figure Number</b>	<b>Title of Figure</b>	<b>Page</b>
<b>Figure 1</b>	Global Prevalence of Hepatitis B Virus Infection	6
<b>Figure 2</b>	Structure of Hepatitis B Virus	10
<b>Figure 3</b>	Hepatitis B Virus Life Cycle	12
<b>Figure 4</b>	Natural History of HBV Infection	16
<b>Figure 5</b>	Theoretical Framework	23
<b>Figure 6</b>	Conceptual Framework	24
<b>Figure 7</b>	Flow of Data Collection Method in the Study	31

## LIST OF GRAPHS

<b>Graph Number</b>	<b>Title of Graph</b>	<b>Page</b>
<b>Graph 1</b>	Average Difference took by HBeAg positive and Negative Patients took for their HBV DNA to get Undetected	37

## LIST OF APPENDICES

<b>Appendices Number</b>	<b>Title of Appendices</b>	<b>Page</b>
<b>Appendice 1</b>	Ethical Clearance	44