

TABLE OF CONTENTS

PAGE OF RATIFICATION	ii
ASSERTION	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS	vi
LIST OF FIGURES	viii
LIST OF TABLES.....	ix
LIST OF ABBREVIATIONS	x
ABSTRACT	xii
ABSTRAK	xiii
CHAPTER I: PREFACE	1
A. Background.....	1
B. Statement of the Problem	2
C. Research Questions.....	3
D. Objective(s)	3
1. General objective	3
2. Specific objectives	3
E. Significance of the Study	4
F. Benefit of the Study	5
CHAPTER II: LITERATURE REVIEW	7
A. Literature Review	7
1. Dengue.....	7
2. Mosquito vectors.....	12
3. Transmission.....	13
B. Theoretical Framework	21
C. Conceptual Framework	21
CHAPTER III: RESEARCH METHOD	22
A. Research Design	22
B. Criteria for Inclusion and Exclusion of Studies.....	22
1. Eligibility Criteria	22

2. Type of outcome measures	22
3. Timeframe of studies	23
C. Literature Search Method	23
D. Data Collection and Analysis	23
1. Selection of studies	23
2. Data extraction	24
3. Analysis	24
E. Difficulties	24
CHAPTER IV: RESULT AND DISCUSSION	26
A. Result	26
1. Literature Searching	26
2. Data	28
B. Discussion	53
1. Importance and impact of transovarial transmission of dengue virus in the maintenance of dengue epidemics	53
2. Prevalence of dengue virus transmission rate through the transovarial route in Aedes mosquitoes	55
3. Method of detection	58
4. Improvements and developments in transovarial transmission of dengue virus researches	60
CHAPTER V: CONCLUSION AND SUGGESTION	62
A. Conclusion	62
B. Suggestion	62
REFERENCES	64