

TABLE OF CONTENTS

APPROVAL PAGE	ii
ASSERTION	iii
PREFACE.....	iv
TABLE OF CONTENT.....	vi
TABLE LISTS.....	ix
FIGURE LISTS.....	x
ATTACHMENT LIST	xi
ABBREVIATIONS	xii
ABSTRACT	xiii
CHAPTER I	1
INTRODUCTION.....	1
I.1. Background.....	1
I.2. Problem Formulation.....	2
I.3. Study Originality	2
I.4. Benefit of Research.....	5
I.5. Research Objectives	5
CHAPTER II.....	6
LITERATURE REVIEW	6

II.1. Preeclampsia.....	6
II.1.1. Definition	6
II.1.2. Diagnosis of preeclampsia	6
II.1.3. Risk factors of preeclampsia	8
II.1.3.1. High Risk Maternal Age	8
II.1.3.2. Previous history of preeclampsia	8
II.1.3.3. Family history	8
II.1.3.4. Nullipara.....	8
II.1.3.5. Multiple gestation.....	9
II.1.3.6. Obesity	9
II.1.4. Etiology	10
II.1.5. Pathogenesis of preeclampsia	10
II.1.5.1. Stage One	10
II.1.5.2. Stage Two.....	12
II.2. High risk maternal age.....	12
II.2.1. High Risk Maternal Age on Preeclampsia	13
II.3. Theoretical Framework.....	14
II.4. Conceptual Framework.....	14
II.5. Hypothesis.....	15
CHAPTER III	16
RESEARCH METHODOLOGY	16
III.1. Study Design	16
III.2. Population and Research Sample	16

III.3. Research Place and Time	17
III.4. Sample Size	17
III.5. Methods and Materials	17
III.6. Operational Definition and Variable	17
III.7. Statistical Analysis	19
III.8. Research Ethics	19
CHAPTER IV	20
RESULT AND DISCUSSION	20
IV.1. Result	20
IV.1.1. General Patients Analysis	20
IV.1.2. Incidence Rate of Preeclampsia	21
IV.1.3. Case Fatality Rate Of Preeclampsia.....	22
IV.1.4. Preeclampsia Caused of Death	24
IV.1.5. Other Risk Causes Maternal Death in Preeclampsia	25
IV.2. Discussion	28
CHAPTER V	35
CONCLUSION AND SUGGESTION	35
V.1. Conclusion	35
V.2. Suggestion	35
REFERENCES	36
ATTACHMENT	38

TABLE LISTS

Table 1 Criteria Diagnosis of Preeclampsia.....	7
Table 2 Research Subject Characteristic.....	20
Table 3 High Risk Maternal Age and Case Fatality Rate	22
Table 4 Case fatality Rate of Preeclampsia	
With HELLP Syndrome.....	23
Table 5 Case Fatality Rate of Preeclampsia	
Without HELLP Syndrome.....	24
Table 6 Cause of Preeclampsia Death	24
Table 7 Preeclampsia Death and Systolic Blood Pressure.....	25
Table 8 Preeclampsia Death and Diastolic Blood Pressure	25
Table 9 Preeclampsia Death with History of Hypertension.....	26
Table 10 Preeclampsia Death with	
History of Cardiac Disease	26
Table 11 Preeclampsia Death with History of Preeclampsia.....	27

FIGURE LISTS

Figure 1 Incidence of Preeclampsia	21
Figure 2 Case Fatality Rate of Preeclampsia in 2013-2015	23

ATTACHMENT LIST

Attachment 1. Ethical Committee Approval

Attachment 2. Research Completion Letter

ABBREVIATIONS

HDP : Hypertension disorder of pregnancy

SBP : Systolic Blood Pressure

DBP : Diastolic Blood Pressure

HELLP: Hemolysis, elevated liver enzyme and low platelet count

CFR : Case Fatality Rate