



## TABLE OF CONTENTS

<b>RATIFICATION PAGE</b> .....	<b>2</b>
<b>AUTHENTICITY STATEMENT</b> .....	<b>3</b>
<b>PREFACE</b> .....	<b>4</b>
<b>TABLE OF CONTENTS</b> .....	<b>6</b>
<b>LIST OF TABLES</b> .....	<b>8</b>
<b>LIST OF FIGURES</b> .....	<b>9</b>
<b>ABSTRACT</b> .....	<b>10</b>
<b>CHAPTER I INTRODUCTION</b> .....	<b>11</b>
A. Research Background.....	11
B. Research Question.....	13
C. Research Objectives.....	13
D. Research Authenticity.....	13
E. Research Benefits.....	14
<b>CHAPTER II LITERATURE REVIEW</b> .....	<b>15</b>
A. Literature Review.....	15
1. Pathophysiology of Vascular Dementia.....	15
1.1. Subtypes of Vascular Dementia.....	16
a. Multi-infarct (cortical vascular) dementia.....	16
b. Small vessel (subcortical vascular) dementia.....	16
c. Poststroke dementia.....	16
d. Mixed (Alzheimer’s disease with cardiovascular disease) dementia... 16	
2. Diagnosis of Vascular Dementia.....	17
2.1. Diagnostic Criterias.....	18
a. NINDS-AIREN.....	18
b. DSM-V.....	19
2.2. Assessment Tools.....	20
a. Mini Mental State Examination (MMSE).....	20
b. ADAS-cog.....	20
3. Pharmacological Management of Vascular Dementia.....	21
3.1. Cholinesterase Inhibitors.....	22
3.2. Memantine.....	22
4. Non-pharmacological Management of Vascular Dementia.....	23
B. Theoretical Framework.....	23
C. Conceptual Framework.....	24
D. Research Hypothesis.....	24
<b>CHAPTER III METHODS</b> .....	<b>25</b>
A. Research Design.....	25
B. Study Time and Setting.....	25



C. Subject.....	25
1. Population.....	25
2. Sample.....	26
D. Criteria for Inclusion and Exclusion of Studies.....	26
1. Eligibility Criteria.....	26
1.2. Inclusion criteria.....	26
1.3. Exclusion criteria.....	26
2. Type of Outcome Measures.....	26
E. Study Searching Method.....	27
F. Data Collection and Analysis.....	27
1. Selection of Studies.....	27
2. Data Extraction.....	28
3. Analysis.....	28
4. Quality Assessment.....	28
G. Research Flow.....	29
<b>CHAPTER IV RESULTS AND DISCUSSION.....</b>	<b>30</b>
A. Results.....	30
1. Systematic Search Results.....	30
2. Characteristics of Included Studies.....	32
3. Analysis.....	33
B. Discussion.....	34
C. Strength and Limitation.....	35
1. Strength.....	35
2. Limitation.....	35
D. Quality Assessment.....	36
1. Risk of Bias Assessment.....	36
<b>CHAPTER V CONCLUSION.....</b>	<b>38</b>
A. Conclusion.....	38
B. Recommendations.....	38
<b>CHAPTER VI REFERENCES.....</b>	<b>40</b>



## LIST OF TABLES

i. Table 1. Research authenticity.....	14
ii. Table 2. Characteristics of included studies.....	32



## LIST OF FIGURES

i. Figure 1. Theoretical framework.....	23
ii. Figure 2. Conceptual framework.....	24
iii. Figure 3. Research flow.....	29
iv. Figure 4. Systematic search flow using PRISMA diagram.....	31
v. Figure 5. Quality of included studies.....	37
vi. Figure 6. Risk of bias assessment.....	37