

TABLE OF CONTENTS

| | |
|-------------------------------------|-----|
| APPROVAL PAGE | i |
| AUTHENTICITY STATEMENT | iii |
| ACKNOWLEDGEMENT | iv |
| TABLE OF CONTENTS..... | vi |
| LIST OF TABLES | x |
| LIST OF FIGURES | x |
| LIST OF APPENDICES | x |
| ABSTRACT | xi |
| INTISARI | xii |
| CHAPTER I. BACKGROUND | 1 |
| A. Background..... | 1 |
| B. Problems Formulation | 3 |
| C. Research Question..... | 4 |
| D. Study Authenticity..... | 4 |
| E. Study Objective | 5 |
| F. Study Benefit..... | 5 |
| CHAPTER II. LITERATURE REVIEW | 6 |
| A. Literature Review..... | 6 |

| | |
|--|-----------|
| 1. Stroke..... | 6 |
| 1.1. Definition of Stroke..... | 6 |
| 1.2. Classification of stroke..... | 6 |
| 1.3. Risk factors of stroke..... | 7 |
| 1.4. Pathophysiology of Stroke..... | 8 |
| 1.5. Stroke Symptoms..... | 9 |
| 1.6. Stroke Prognosis..... | 10 |
| 1.7. Complications of Stroke..... | 10 |
| 2. Pain..... | 11 |
| 2.1. Definition of pain..... | 11 |
| 2.2. Classification of pain..... | 11 |
| 2.3. Pain assessment tools..... | 13 |
| 3. Pain and Stroke..... | 15 |
| 4. Head CT-Scan..... | 17 |
| B. Theoretical Framework..... | 19 |
| C. Conceptual Framework..... | 20 |
| D. Hypothesis..... | 20 |
| CHAPTER III. STUDY METHODOLOGY..... | 21 |
| A. Study Design..... | 21 |
| B. Study Settings..... | 21 |
| C. Study Subject and Sample Size..... | 21 |
| D. Study Variable..... | 22 |
| E. Operational Definition of Variables..... | 22 |

| | |
|---|-----------|
| F. Study Materials and Tools..... | 23 |
| G. Statistic Method..... | 23 |
| H. Study Schedule..... | 23 |
| I. Ethical Consideration | 24 |
| CHAPTER IV. RESULT AND DISCUSSION..... | 25 |
| A. Result | 25 |
| 1. Study Population | 25 |
| 2. Variables Description | 27 |
| 2.1. Lesion Site | 27 |
| 2.2. Pain Symptoms | 27 |
| 2.3. Age | 27 |
| 2.4. Gender | 28 |
| 2.5. Education Level..... | 28 |
| 2.6. Number of Lesion..... | 28 |
| 2.7. Lesion side..... | 28 |
| 3. Lesion Site and Pain Symptoms | 28 |
| 4. Cofounding Analysis | 29 |
| B. Discussion..... | 31 |
| C. Study Limitations | 34 |
| CHAPTER V. CONCLUSION AND SUGGESTION | 35 |
| A. Conclusion..... | 35 |
| B. Suggestions..... | 35 |
| REFERENCES..... | 36 |



APPENDICES 39

LIST OF TABLES

| | |
|--|----|
| Table 1. Study Authenticity | 4 |
| Table 2. Classification of Stroke..... | 7 |
| Table 3. Risk Factors of Stroke..... | 7 |
| Table 4. Demographic Characteristics of Sample..... | 25 |
| Table 5. Clinical Characteristic of Sample | 26 |
| Table 6. Chi-square Test Result between Lesion Site and Pain Symptoms..... | 29 |
| Table 7. Bivariate analysis of the co-founding factor | 30 |

LIST OF FIGURES

| | |
|--------------------------------------|----|
| Figure 1. Visual Analogue Scale..... | 14 |
| Figure 2. Faces Pain Scale | 14 |

LIST OF APPENDICES

| | |
|---------------------------------------|----|
| Appendix 1. Case Report Form..... | 39 |
| Appendix 2. Numeric Rating Scale..... | 40 |
| Appendix 3. Faces Pain Scale | 40 |
| Appendix 4. Ethical Clearance..... | 41 |