

## Table of Contents

Title	i
Approval	ii
Assertion	iii
Acknowledgement	iv
Table of Contents	vi
List of Tables	viii
List of Appendix	ix
List of Acronyms	x
ABSTRACT	xii
Chapter I : INTRODUCTION	
1.1 Background	1
1.2 Problem Formulation	4
1.3 Research Aim	4
1.4 Research Benefits	4
1.5 Research Authenticity	4
Chapter II : LITERATURE REVIEW	
2.1 Literature Review	7
2.2 Conceptual Framework	17
2.3 Hypothesis	17
Chapter III : RESEARCH METHODOLOGY	
3.1 Research Design	18
3.2 Subject and Population	18
3.3 Sample and Data Collection	18
3.4 Variables and Operational Definition	19
3.5 Data Analysis	20

Chapter IV : RESULTS AND DISCUSSION	
4.1 Results	21
4.2 Discussion	25
4.3 Research Limitations	30
Chapter V : CONCLUSION	
5.1 Conclusion	31
5.2 Suggestions	31
REFERENCES	32
APPENDIX	37

### **List of Tables**

Table 1. Review of Research Authenticity

Table 2. Subject Characteristics of Acute Ischemic Stroke Patients

Table 3. Descriptives Statistics of NIHSS Score according to Number of Risk Factors

Table 4. ANOVA results

Table 5. Multiple Comparison Results (Tukey HSD Post – Hoc Test)

Table 6. Linear Regression Results of Confounding Variables

## **List of Appendix**

Appendix 1. NIHSS

Appendix 2. Ethical Clearance

### **List of Acronyms**

NIHSS – National Institutes of Health Stroke Scale

ANOVA – Analysis of Variance

HSD – Honest Significant Difference

WHO – World Health Organization

DALY – Disability – Adjusted Life Years

TIA – Transient Ischemic Attack

CVD – Cardiovascular Disease

LAPSS – Los Angeles Prehospital Stroke Scale

CNS – Canadian Neurological Scale

GCS – Glasgow Coma Scale

SS – QOL – Stroke Specific Quality of Life Measure

FIM – Functional Independence Measurement

TACS – Total Anterior Circulation Stroke

PC – Posterior Circulation

AVM – Arteriovenous Malformation

TOAST – Trial of Org 10172 in Acute Stroke Treatment

ICH – Intracerebral Hemorrhage

SAH – Subarachnoid Hemorrhage

DM – Diabetes Mellitus

AF – Atrial Fibrillation

HDL – High Density Lipoprotein

CRF – Case Report Form

N – Number of patients

M – Mean

SD – Standard Deviation

df – degree of freedom

Sig. – Significance or P value

t – t test

CVA – Cerebrovascular Accident

AC – Anterior Circulation

OR – Odds Ratio

CI – Confidence Interval

OHS – Oxford Handicap Scale

GOS – Glasgow Outcome Scale