

TABLE OF CONTENTS

	Page
Acknowledgements	iii
Abstract (English)	v
Abstract (Thai)	vii
Table of Contents	ix
List of Tables	xii
List of Illustrations	xiv
Abbreviations	xv
Chapter 1 Introduction	1
Background and significance of research problem	1
Objectives of the study	7
Research questions	8
Scope of the study	9
Definition of terms	9
Chapter 2 Review of the literature	11
Overview of stroke	11
Types of stroke	11
Impacts of stroke	13
Stroke recovery	17
Quality of life of stroke survivors	18
Quality of life concepts	18
Factors affecting quality of life of stroke survivors	21
Measurement of quality of life	26
Nursing intervention for enhancing quality of life of stroke survivors	28
Research on nursing interventions for enhancing QOL	29
Conceptual framework	34

TABLE OF CONTENTS (Continued)

	Page
Chapter 3 Methodology	36
Research design	36
Population and sample	37
Sample size	37
Research setting	40
Sampling	42
Instrumentation	43
Research instruments	43
Intervention description	49
Human right protection	53
Data collection	54
Data analysis	55
Chapter 4 Results and Discussion	57
Part I Demographic characteristics of the sample	58
Part II The difference in functional abilities between the experimental and control groups	63
Part III The difference in depression between the experimental and control groups	67
Part IV The difference in perceived social support from family between the experimental and control groups	71
Part V The difference in quality of life between the experimental and control groups	73
Discussion	81
Chapter 5 Conclusion and recommendations	88
Findings and conclusion	88
Implication of findings	90

TABLE OF CONTENTS (Continued)

	Page
Chapter 5 Conclusion and recommendations (continued)	88
Limitations	91
Recommendations for further research	91
References	93
Appendices	107
Appendix A Sample Size Determination	108
Appendix B Recruitment Form	111
Appendix C Informed Consent Form	112
Appendix D Demographic Data Questionnaire	113
Appendix E Chula Mental Test	114
Appendix F Orpington Prognostic Score	115
Appendix G Barthel ADL Index	116
Appendix H Thai Geriatric Depression Scale-short form	117
Appendix I Modified Perceived Social Support from Family Scale	118
Appendix J Stroke Impact scale	119
Appendix K List of Educational Materials	120
Appendix L Nursing Intervention Protocols	121
Appendix M Initial Assessment Tool	122
Appendix N Problems and Care Plans Record	123
Appendix O Ethical Approval Document	124
Appendix P Introductory Cover Letter	125
Appendix Q Post Hoc Comparison for the Friedman Test	127
Appendix R The number of cases which had changed in functional ability from baseline to week-12 of control and experimental group	130
Appendix S Permission to use the SIS Questionnaire	131
Appendix T List of Experts	132
Curriculum vitae	133

LIST OF TABLES

Table		Page
1	Demographic characteristics of the control and experimental groups	59
2	Comparison of age of stroke survivors and the duration after stroke occurrence between the experimental and control groups	
3	Level of functional abilities, depression and perceived family social support of the control and experimental groups	63
4	Comparison of functional abilities between control and experimental groups at each point of time	65
5	Changes in functional abilities of control and experimental groups over time	66
6	Post Hoc comparison for Friedman Test of functional abilities in control and experimental groups	67
7	Comparison of depression between control and experimental groups at each point of measurement	68
8	The number of depression cases between experimental and control groups at baseline, week-6, and week-12	69
9	Changes in depression of control and experimental groups over time	70
10	Post Hoc comparison for Friedman Test in depression of experimental group	71
11	Comparison of perceived social support from family between control and experimental groups at each point of measurement	72
12	Changes in perceived social support from family of control and experimental groups over time	73
13	Quality of life of control and experimental groups at baseline, week-6, and week-12	74

LIST OF TABLES (Continued)

Table		Page
14	Inter-group comparison of mean scores for overall and sub-domains of the SIS at baseline	75
15	The mean difference of QOL score between and within groups	76
16	Changes in mean scores of QOL between baseline and week-6, week-6 and week-12, baseline and week-12 of control and experimental groups	77
17	Mean scores of QOL sub-domains of control and experimental group at baseline, week-6, and week-12	78
18	The mean difference in sub-domains of SIS scores between control and experimental groups over time	79

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved

LIST OF ILLUSTRATIONS

Figure	Page	
1	Conceptual framework of home-based nursing intervention for enhancing QOL of stroke survivor	35
2	The repeated measures experimental design used in this study	37
3	Plan for nursing intervention program	53
4	Changes in functional abilities of control and experimental groups at baseline, week-6, and week-12	64
5	Changes in mean score of TGDS of control and experimental groups at baseline, week-6, and week-12	70
6	Changes in perceived social support from family of control and experimental groups	72
7	Changes in QOL of control and experimental groups at baseline, week-6, and week-12	74

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright © by Chiang Mai University
All rights reserved

ABBREVIATIONS

ADL	Activities of daily living
AHCPR	The Agency for Health Care Policy and Research Clinical Practice Guideline
BAI	Barthel Activity of Daily Living Index
FPI	Functional Performance Inventory
HRQOL	Health related quality of life
IADL	Instrumental activity of daily living
ICIDH	The International Classification of Impairments, Disabilities, and Handicaps
MPSS-Fa	Modified Perceived Social Support from Family
NIH	National Institute of Health
OPS	Orpington Prognostic Scale
PSS-Fa	Perceived Social Support from Family
QOL	Quality of life
RMANOVA	Repeated measure analysis of variance
SIS	Stroke Impact Scale
TGDS	Thai Geriatric Depression Scale
TGDS-SF	Thai Geriatric Depression Scale-short form
TIA	Transient ischemic attack
WHO	World Health Organization
WHOQOL	World Health Organization Quality of life