

TABLE OF CONTENTS

| | Page |
|---|-------------|
| Acknowledgements | iii |
| Abstract (English) | v |
| Abstract (Thai) | vii |
| List of Tables | xii |
| List of Figures | xiii |
| Chapter 1 Introduction | 1 |
| Background and Significance of the Research Problem | 1 |
| Objectives of the Study | 10 |
| Research Hypotheses | 10 |
| Definition of Terms | 11 |
| Chapter 2 Literature Review | 13 |
| Overview of Spinal Cord Injury | 13 |
| Caregiving | 23 |
| Well-Being of Caregiver | 34 |
| Rewards of Caregiving | 50 |
| Social Support | 59 |
| Caregiving Hours | 72 |
| The Functional Ability of Persons With Spinal Cord Injury | 75 |
| Caregiving Burden | 86 |
| Conceptual Framework of the Study | 110 |

TABLE OF CONTENTS (continued)

| | Page |
|---|-------------|
| Chapter 3 Methodology | 105 |
| Research Design | 105 |
| Population and Sample | 105 |
| Setting | 107 |
| Instrumentation | 108 |
| Protection of Human Rights | 114 |
| Data Collection Procedures | 115 |
| Data Analysis | 118 |
| Chapter 4 Results and Discussion | 126 |
| The Samples Demographic Characteristics | 126 |
| Descriptions of All Variables in the Model | 134 |
| Hypothesized Model Testing | 138 |
| Hypothesis Testing Results | 143 |
| Discussion | 146 |
| Chapter 5 Conclusion and Recommendations | 161 |
| Conclusions | 161 |
| Implications | 163 |
| Recommendations for Further Studies | 168 |

TABLE OF CONTENTS (continued)

| | |
|--|-------------|
| | Page |
| References | 171 |
| Appendices | 196 |
| Appendix A Demographic Questionnaire | 197 |
| Appendix B WHO-Five Well-Being Index | 201 |
| Appendix C Rewards of Caregiving Scale | 203 |
| Appendix D Social Support Questionnaire | 205 |
| Appendix E Barthel Index | 215 |
| Appendix F Caregiving Burden Scale | 217 |
| Appendix G Permission to Use the Instruments | 219 |
| Appendix H Ethical Approval Document | 221 |
| Appendix I Research Subject Information and Informed Consent Form | 225 |
| Appendix J Examination of Statistical Assumption | 228 |
| Curriculum Vitae | 230 |

LIST OF TABLES

| Table | | Page |
|-------|--|------|
| 1 | Skewness and Kurtosis of Study Variables Pre-Transformation (n = 205) | 120 |
| 2 | Skewness and Kurtosis of Study Variables Post-Transformation (n = 205) | 120 |
| 3 | Assessment of Multicollinearity Among Variables in the Model (n = 205) | 121 |
| 4 | Correlation Matrix of Study Variables (n = 205) | 122 |
| 5 | Demographic Characteristics of Caregivers (n=205) | 129 |
| 6 | Demographic Characteristics Related to the Caregiver Role (n=205) | 130 |
| 7 | Demographic Characteristics of Patient (n=205) | 132 |
| 8 | Range, Mean, Standard Deviation of Study Variables (n = 205) | 136 |
| 9 | Level of Functional Ability of Persons With Spinal Cord Injury (n = 205) | 137 |
| 10 | Level of Well-Being, Rewards of Caregiving, Social Support, Caregiving Hours, and Caregiving Burden (n = 205) | 137 |
| 11 | The goodness of fit of the initial hypothesized model and the final modified model (n = 205) | 141 |
| 12 | Direct, Indirect and Total Effects in the Final Model (n=205) | 143 |

LIST OF FIGURES

| Figure | | Page |
|--------|--|------|
| 1 | The hypothesized model predicting well-being of caregivers of persons with spinal cord injury | 103 |
| 2 | The initial model for predicting well-being among caregivers of persons with spinal cord injury | 139 |
| 3 | The final modified model for predicting well-being among caregivers of persons with spinal cord injury | 142 |