

TABLE OF CONTENTS

TITLE PAGE	i
APPROVAL PAGE	ii
AUTHENTICITY STATEMENT	iii
PREFACE	iv
TABLE OF CONTENTS	v
TABLE OF FIGURE	viii
LIST OF TABLE	ix
ABSTRACT	x
INTI SARI	xi
CHAPTER I: INTRODUCTION	1
A. Background	1
B. Problem Formulation	4
C. Research Aims	4
D. Study Benefit	4
E. Research Authenticity	5
CHAPTER II: BIBLIOGRAPHICAL REVIEW	6
A. Parkinson's Disease	6
1. Clinical Manifestations	6
2. HY stages of Parkinson's Disease.....	9
3. Modulation of Movements by Basal Ganglia	10
4. Pathology.....	12
5. Risk Factor	14
6. Treatment	15
B. Cognition.....	19
1. Cognitive Impairment in PD	19
2. MMSE Score	22
C. Theoretical Framework	24
D. Conceptual Framework.....	25
E. Hypothesis	26
CHAPTER III: METHODS OF RESEARCH	27
A. Research Plan	27
B. Time and Research Settings	27

C. Subject and Population	27
D. Sample Size Calculation	28
E. Sample and Data Collection	29
F. Variables and Operational Variables Definition	29
G. Research Procedure	34
H. Data Analysis Method	36
CHAPTER IV: RESULT AND DISCUSSION	37
A. Result	37
B. Discussion	43
CHAPTER V: CONCLUSION AND RECOMMENDATION	47
A. Conclusion	47
B. Research Limitation	47
C. Recommendation	48
BIBLIOGRAPHY	49
APPENDICES	55
Appendix 1 Ethical Clearance Statement	55
Appendix 2 Research Permit from RSUP Dr Sardjito	56
Appendix 3 Frequency of HY Stage	57
Appendix 4 Frequency of MMSE Score	57
Appendix 5 Frequency of Age	57
Appendix 6 Frequency of Gender	58
Appendix 7 Frequency of Education Level	58
Appendix 8 Frequency of Duration	58
Appendix 9 Frequency of Occupation	59
Appendix 10 Frequency of Payment Method	59
Appendix 11 Frequency of Treatment	59
Appendix 12 Cross Tabulation and Chi-Square Test	
HY stage with MMSE score	60
Appendix 13 Cross Tabulation and Chi-Square Test	
Age with MMSE score	61

Appendix 14 Cross Tabulation and Chi-Square Test	
Gender with MMSE score	62
Appendix 15 Cross Tabulation and Chi-Square Test	
Education level with MMSE score	62
Appendix 16 Cross Tabulation and Chi-Square Test	
Duration with MMSE score	63
Appendix 17 Cross Tabulation and Chi-Square Test	
Occupation with MMSE score	64
Appendix 18 Cross Tabulation and Chi-Square Test	
Payment Method with MMSE score	65
Appendix 19 Cross Tabulation and Chi-Square Test	
Treatment with MMSE score	6