

TABLE OF CONTENTS

APPROVAL PAGE	ii
ASSERTION.....	iii
ACKNOWLEDGEMENT	iv
TABLE OF CONTENTS.....	vi
LIST OF TABLES	x
LIST OF APPENDIX	xi
ABSTRACT	xii
INTISARI	xiii
CHAPTER I.....	1
A. Background	1
B. Problem formulation	3
C. Research Question	4
D. Objective.....	4
E. Study Benefit.....	4
F. Study Originality	4
CHAPTER II	6
A. Stroke.....	6
1. Definition of stroke.....	6

2. Classification of stroke	6
3. Risk factors of stroke	7
4. Pathophysiology of stroke	7
4.1. Cerebral blood flow	7
4.2. Neuronal Injury.	8
4.3. Ischemic Penumbra.	9
4.4. Neuronal death	10
5. Stroke prognosis	11
5.1. Physical problems.	11
5.2. Cognitive Problems.	12
5.3. Communication Problems.	12
5.4. Emotional Problems.	12
5.5. Survival.	12
B. Hypertension	13
1. Definition of hypertension	13
2. Patophysiology of hypertension	13
2.1. Cardiac output and peripheral vascular resistance.	14
2.2. Sympathetic Nervous System.	14
2.3. Renin-angiotensin-aldosterone system (RAAS).	14
C. Stroke and Hypertension	15
1. Hypertensive damage to intracerebral blood vessels	15
1.1. Permeability changes and brain edema.	15

1.2. Ischemic lesions	16
1.3. Intracerebral hemorrhages	16
2. Hypertension and Arteriosclerosis	17
D. Demographic Conditions Of Kabupaten Sleman	17
E. Theoretical Framework	18
F. Conceptual framework	19
G. Hypothesis	19
CHAPTER III	20
A. Study Design.....	20
B. Study Setting	20
C. Study Subject and Sample Size	20
D. Study Variables.....	21
E. Operational Definitions of Variables	21
F. Study Material and Tools	21
G. Statistics Method	21
H. Study Schedule.....	22
CHAPTER 4	23
A. Study Population	23
B. Demographic Characteristics	23
C. Bivariate Analysis	25
D. Multivariate Analysis	26

E. Research Discussion	27
F. The importance of findings.....	30
G. Study limitations	31
CHAPTER 5	32
A. Conclusion	32
B. Suggestions	32
REFERENCES.....	33
APPENDIX.....	38

LIST OF TABLES

Table 1. Researches about Hypertension and Stroke	4
Table 2. Study Schedule.....	22
Table 3. Basic Data for The Study	24
Table 4. Bivariate Analysis	25
Table 5. Multivariate Analysis.....	26

LIST OF APPENDIX

Appendix 1. Output Bivariat Analysis.....	38
Appendix 2. Output Multivariat Analysis.....	44
Appendix 3. Ethical Clearance.....	51