

TABLE OF CONTENTS

TITLE PAGE	i
APPROVAL PAGE	ii
AUTHENTICITY STATEMENT	iii
PREFACE	iv
TABLE OF CONTENTS	vi
LIST OF FIGURES	viii
LIST OF APPENDICES	ix
LIST OF ABBREVIATIONS	x
ABSTRACT	xii
INTISARI	xiii
CHAPTER I INTRODUCTION	
A. Background	1
B. Problem Formulation	4
C. Study Objective	4
D. Study Originality	5
E. Study Benefit	8
CHAPTER II LITERATURE REVIEW	
A. Literature Review	9
1. Anatomy and Physiology of Kidney	9
2. Protein Energy Malnutrition	11
3. Chronic Kidney Disease	13
4. Unilateral Ureteral Obstruction	15
5. Vascular Remodeling	16
6. Endothelial Nitric Oxide Synthase	18
7. Endothelin A Receptor	19
B. Basic Theory	20
C. Theoretical Framework	22
D. Conceptual Framework	23

E. Hypothesis	23
CHAPTER III RESEARCH METHODOLOGY	
A. Study Design.....	24
B. Study Setting.....	24
C. Subjects and Sample Size	24
D. Study Material and Measurement	25
E. Study Tools	26
F. Sample Size.....	27
G. Study Variables	28
H. Study Procedure.....	28
I. Operational Definition	32
J. Statistic Method	33
CHAPTER IV RESULT	
A. Result	34
1. Sample Characteristics.....	34
2. Expressions of ETAR	37
3. Expressions of eNOS	39
B. Discussion.....	40
C. Limitation.....	45
CHAPTER V CONCLUSION AND SUGGESTION	
A. Conclusion	46
B. Suggestion.....	46
REFERENCES	47
APPENDICES	51