

List of Contents

Title	Page
List of tables	I
List of figures	II
List of abbreviations	III
Introduction	1
Aim of the Study	6
REVIEW OF LITERATURE	
I: Renal Failure	
Kidney Structure and Function	7
Epidemiology of ESRD over the world and in Egypt	10
Renal failure	11
Etiology of ESRD	13
Pathophysiology of end stage renal disease	14
Stages of CRF	16
Signs and symptoms of ESRD	17
Impact of RF on body systems	17
II: Renal Replacement Therapy Dialysis	
History of hemodialysis in world and Egypt	23
Incidence of hemodialysis	23
Hemodialysis requirement	24
Mechanism of hemodialysis	30
The peritoneal dialysis (PD)	31
Impact of hemodialysis on persons with CRF	32
Positive effects of hemodialysis on patients' life	33
Negative effects of hemodialysis on patients' life	33
III: Self Care Management in Hemodialysis Patient at home	
Orem's self-care model	36
Activities of Daily Living	38
Factors affecting self-care	39
Patient who undergo hemodialysis need	40

List of contents (cont)

Title	Page
IV: Nursing role toward Patient Undergoing Hemodialysis	46
Subjects and Methods	60
Results and Data Analyses	67
Discussion	89
Conclusion	103
Recommendations	104
Summary	105
References	108
protocol	
Appendix	5
Arabic Summary	1