

Table of contents

	Description	Page
	Dedication.....	i
	Declaration.....	ii
	Acknowledgement.....	iii
	Abstract.....	iv
	Abstract (Arabic).....	v
	Abbreviation.....	vi
	List of tables.....	vii
	List of figures.....	viii
	Chapter One	
1.	Introduction.....	1
	Chapter Two	
2.	Literature review.....	3
2.1	The kidney.....	3
2.2.1.	Structure and anatomy.....	3
2.1.2.	Function of the kidney.....	4
2.1.3.	Acute renal failure.....	5
2.1.3.1	Pathophysiology.....	6
.		
2.1.3.2	Intrensic renal failure.....	7
.		
2.1.3.3	Frequency.....	9
.		
2.1.3.4	Causes.....	10
.		
2.1.3.5	Lab.studies.....	12
.		
2.1.3.6	Diet.....	15
.		
2.1.4.	Chronic renal failure.....	16
2.1.4.1	Pathophysiology.....	16
.		
2.1.4.2	History.....	17

.		
2.1.4.3	Causes.....	20
.		
2.1.4.4	Lab.studies.....	22
.		
2.1.4.5	Diet.....	23
.		
2.2.	Dialysis	24

	Description	Page
1.2.1.	Principle of haemodialysis.....	25
1.2.2.	Ultrafiltration.....	26
1.2.3.	Dialysers.....	26
1.2.4.	Dialysate.....	27
1.2.5.	Laboratory tests.....	28
1.2.6.	Principle of peritoneal dialysis.....	29
1.2.7.	Models of peritoneal dialysis.....	30
1.2.8.	CAPO Technique and dialysis.....	31
1.2.9.	Adequacy of peritoneal dialysis.....	33
2.3.	Malnutrition in ESRD.....	35
2.4.	Nutritional requirement in CRF.....	36
2.5.	Albumin.....	37
2.5.1.	Hypoalbuminaemia in dialysis.....	38
2.5.2.	Objective.....	42
	Chapter three	
3.	Material and methods.....	43
3.1.	Materials.....	43
3.1.1.	Patients.....	43
3.1.2.	Sample collection and processing.....	43
3.1.3.	Analytical method used in the study.....	43
3.2.	Methods.....	44
3.2.1.	Estimation of serum albumin.....	44

3.2.2.	Analysis of data.....	45
	Chapter four	
4.	Results.....	46
	Chapter five	
5.	Discussion.....	57
	Chapter six	
6.	Conclusion and recommendation.....	70
	Chapter seven	
7.	References.....	72