

LIST OF TABLES

Table	Page
(1) Criteria for CRF	1
(2) Complications of pediatric chronic renal failure	2
(3) Standardized Terminology For Stages Of Chronic Kidney Disease	2
(4) Diagnostic Criteria for Generalized anxiety disorder (GAD)	6
(5) DSM-V criteria of Major Depressive Disorder (MDD).	9
(6) Distribution of studied sample according to demographic data	16
(7) Distribution of studied sample according to attending school, family structure	18
(8) Distribution of studied sample according to family history of renal disease and friend to confide in	19
(9) Distribution of studied sample according to different parameters	20
(10) Distribution of studied sample according to anxiety and depression	22
(11) Relation between levels of anxiety with demographic data	25
(12) Relation between levels of anxiety with attending school, family structure.	28
(13) Relation between levels of anxiety with family history of renal disease, friend to confide in.	30
(14) Relation between levels of anxiety with different parameters	32
(15) Relation between depression and demographic data	38
(16) Relation between depression with attending school, family structure.	41
(17) Relation between depression with family history of renal disease, friend to confined	43
(18) Relation between depression with different parameters	45

LIST OF FIGURES

Figure		Page
(1)	Distribution of studied sample according to gender	17
(2)	Distribution of studied sample according to age	17
(3)	Distribution of studied sample according to residency	17
(4)	Distribution of studied sample according to attending school	18
(5)	Distribution of studied sample according to family structure	18
(6)	Distribution of studied sample according to family history of renal disease	19
(7)	Distribution of studied sample according to presence of friend to confide in	19
(8)	Distribution of studied sample according to (Adequacy of dialysis) ($KT/V \geq 1.2$)	21
(9)	Distribution of studied sample according to socioeconomic status	21
(10)	Distribution of studied sample according to anxiety and depression(percentage)	23
(11)	Distribution of studied sample according to anxiety and depression(mean)	23
(12)	Relation between grades of anxiety (CMAS) with total gender	26
(13)	Relation between grades of anxiety (CMAS) with age	26
(14)	Relation between grades of anxiety (CMAS) with gender among children and adolescents	27
(15)	Relation between grades of anxiety (CMAS) with residency	27
(16)	Relation between grades of anxiety (CMAS) with attending school	29
(17)	Relation between grades of anxiety (CMAS) with family structure	29
(18)	Relation between grades of anxiety (CMAS) with family history of renal disease	31
(19)	Relation between grades of anxiety (CMAS) with friend to confide in	31

Figure		Page
(20)	Relation between grades of anxiety (CMAS) with Hb (g/dL)	33
(21)	Relation between grades of anxiety (CMAS) with Adequacy of dialysis (KT/V \geq 1.2).	34
(22)	Relation between grades of anxiety (CMAS) with Duration of dialysis(1)	34
(23)	Relation between grades of anxiety (CMAS) with duration of dialysis(2)	35
(24)	Relation between grade of anxiety (CMAS) with number of dialysis/wk	35
(25)	Relation between grades of anxiety (CMAS) with socioeconomic status	36
(26)	Relation between depression (CDI) and total gender	38
(27)	Relation between depression (CDI) and age	39
(28)	Relation between depression (CDI) and gender among children and adolescents	39
(29)	Relation between depression (CDI) and residency	40
(30)	Relation between depression (CDI) with attending school	42
(31)	Relation between depression (CDI) with family structure	42
(32)	Relation between depression (CDI) with family history of renal disease	44
(33)	Relation between depression (CDI) with friend to confide in.	44
(34)	Relation between depression (CDI) with Hb (g/dL)	46
(35)	Relation between depression (CDI) with Adequacy of dialysis (Kt/V \geq 1.2)	47
(36)	Relation between depression (CDI) with duration of dialysis	47
(37)	Relation between depression (CDI) with number of dialysis/wk	48
(38)	Relation between depression (CDI) with socioeconomic status	48

LIST OF ABBREVIATIONS

ACR	: Albumin-to-Creatinine Ratio
AER	: Albumin Excretion Rate
AUCU	: Alexandria University Children Hospital
BDNF	: Serum Brain Derived Neurotrophic Factor
BUN	: Blood Urea Nitrogen
CAPD	: Continuous Ambulatory Peritoneal Dialysis
CBCL	: The Child Behavior Checklist
CDI	: Child Depression Inventory
CKD	: Chronic Kidney Disease
CMAS	: Child Manifest Anxiety Scale
CPD	: Chronic Peritoneal Dialysis
CRF	: Chronic Renal Failure
DSM-IV TR	: Diagnostic Statistical Manual of Mental Disorders 4th edition-Text Revised.
DSM-5	: Diagnostic Statistical Manual of Mental Disorders 5th edition
g/dl	: gram /deciliter.
GAD	: Generalized Anxiety Disorder
GFR	: Glomerular Filtration Rate
HB	: Hemoglobin Level
HD	: Hemodialysis
HPA	: The Hypothalamic Pituitary Adrenal System
IL1,IL-6	: Interleukin 1,6
IQ	: Intelligent quotient
KDIGO	: Kidney Disease: Improving Global Outcomes
Kt/v	: K=Dialyser Clearance-Volume of Fluid Completely Cleared of Urea in A Single Treatment in ml/min, t= Time, V=Volume of Water in a Patient Body.
MDD	: Major Depressive Disorder

PD	: Peritoneal Dialysis
QOL	: Quality of Life
QQ plot	: Quantile –Quantile plot
SAD	: Social Anxiety Disorder
SCICA	: The Semi-Structure Clinical Interview For Children And Adolescents
SepAD	: Separation anxiety disorder
SES	: Socieconomic status
STAI	: State-Trait Anxiety Inventory (STAI) for Adolescents
STAI-C	: State-Trait Anxiety Inventory (STAI) for Children.
TNF alpha	: Tumor Necrosis Factor Alpha