

LIST OF TABLES

Table		Page
(1)	Primary (familial) causes	1
(2)	Secondary (acquired) causes	2
(3)	Lipid-Lowering agents	4
(4)	Clinical manifestations of hypothyroidism	7
(5)	Comparison between the three studied groups regarding Cholesterol	21
(6)	Comparison between the two subgroups regarding Cholesterol	22
(7)	Comparison between the three studied groups regarding LDL	23
(8)	Comparison between the two subgroups regarding LDL	24
(9)	Comparison between the three studied groups regarding T.Gs	25
(10)	Comparison between the two subgroups regarding T.Gs	26
(11)	Comparison between the three studied groups regarding HDL	27
(12)	Comparison between the two subgroups regarding HDL	28
(13)	Comparison between the three studied groups regarding F.insulin level	29
(14)	Comparison between the two subgroups regarding F.Insulin (2-25 mg/dl)	30
(15)	Comparison between the three studied groups regarding Insulin resistance	31
(16)	Comparison between the two subgroups regarding Insulin resistance	32
(17)	Comparison between the three studied groups regarding F.B.G	33
(18)	Comparison between the two subgroups regarding F.B.G	34
(19)	Comparison between the three studied groups regarding P.P.G	35
(20)	Comparison between the two subgroups regarding P.P.G	36
(21)	Comparison between the three studied groups regarding HbA1C	37
(22)	Comparison between the two subgroups regarding HbA1C	38
(23)	Comparison between the three studied groups regarding SBP	39
(24)	Comparison between the two subgroups regarding SBP	40
(25)	Comparison between the three studied groups regarding DBP	41
(26)	Comparison between the two subgroups regarding DBP	42
(27)	Comparison between the three studied groups regarding BMI	43
(28)	Comparison between the two subgroups regarding BMI	44
(29)	Correlation between TSH with lipid profile and insulin sensitivity in group I	45

(30)	Correlation between TSH with lipid profile and insulin sensitivity in group (2)	46
-------------	---	-----------

LIST OF FIGURES

Figure		Page
(1)	Algorithm for treatment of SHO	9
(2)	Comparison between the three studied groups regarding Cholesterol	22
(3)	Comparison between the two subgroups regarding Cholesterol	23
(4)	Comparison between the three studied groups regarding LDL	24
(5)	Comparison between the two subgroups regarding LDL	25
(6)	Comparison between the three studied groups regarding T.Gs	26
(7)	Comparison between the two subgroups regarding T.Gs	27
(8)	Comparison between the three studied groups regarding HDL	28
(9)	Comparison between the two subgroups regarding HDL	29
(10)	Comparison between the three studied groups regarding F.insulin	30
(11)	Comparison between the two subgroups regarding F.Insulin	31
(12)	Comparison between the three studied groups regarding Insulin resistance	32
(13)	Comparison between the two subgroups regarding insulin resistance	33
(14)	Comparison between the three studied groups regarding F.B.G	34
(15)	Comparison between the two subgroups regarding F.B.G.	35
(16)	Comparison between the three studied groups regarding P.P.G.	36
(17)	Comparison between the two subgroups regarding P.P.G.	37
(18)	Comparison between the three studied groups regarding HbA1C	38
(19)	Comparison between the two subgroups regarding HbA1C	39
(20)	Comparison between the three studied groups regarding SBP	40
(21)	Comparison between the two subgroups regarding SBP	41
(22)	Comparison between the three studied groups regarding DBP	42
(23)	Comparison between the two subgroups regarding DBP	43
(24)	Comparison between the three studied groups regarding BMI	44
(25)	Comparison between the two subgroups regarding BMI	45
(26)	Correlation between TSH with LDL in group I	46
(27)	Correlation between TSH with LDL in group II	47
(28)	Correlation between TSH with cholesterol in group II	47

LIST OF ABBREVIATIONS

BMI	: Body mass index
DBP	: Diastolic blood pressure
<i>FBG</i>	: Fasting blood glucose
HbA1c	: Haemoglobin A1c
HDL	: High density lipoprotein
HOMA	: Homeostatic model assessment
IDL	: Intermediate density lipoprotein
<i>IR</i>	: Insulin resistance
LDL	: Low density lipoprotein
PPG	: Post prandial blood glucose
SBP	: Systolic blood pressure
SHE	: Subclinical hyperthyroidism
<i>SHO</i>	: <i>Subclinical hypothyroidism</i>
T.Gs	: Triglycerides
T3	: Triiodothyronine
<i>T4</i>	: <i>Thyroxin</i>
TC	: Total Cholesterol
TSH	: Thyriod stimulating hormone
VLDL	: Very low density lipoprotein