

A Study of Leptin Level in Marasmus

Thesis

Submitted for partial fulfillment of the
Master degree in pediatrics

By

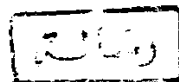
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

{ إِنَّا يَكُونُ لَكُمْ رَحْمَةً وَسَاءَ يَوْمَئِذٍ لِّمَنْ كَفَرَ بِآيَاتِنَا عَذَابٌ شَدِيدٌ }

{صدق الله العظيم}

{سورة القمر: آية ٤٩}

TO

My Mother

Spirit of My Father

My Wife

My Family

Acknowledgment

To Almighty Allah to Whom be ascribed all perfection and majesty, whose knowledge beyond all knowledge, I kneel to express the very humble gratitude of one of his very humble subjects.

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Contents

- List of abbreviations	i
- List of tables	ii
- List of figures	iii
- Introduction and aim of the work	I
- Chapter (1)	
- Leptin	3
- History	3
- Leptin structure	4
- Production	5
- Factors affecting leptin production	6
- Leptin kinetics	16
- Leptin half life	17
- Leptin binding protein in serum	17
- Leptin circadian rhythms	18
- Leptin receptor	19
- Leptin action	20
- Mechanism of the action	22
- Chapter (2)	
- Marasmus	26
- Definition	26
- Etiology	26
- Clinical picture	28
- Physiological and biochemical changes in marasmus	30
- Metabolic changes	30
- Biochemical changes	34
- Endocrinological changes	37
- Hematological changes	39

- Organic changes	40
- Immunological changes	44
- Diagnosis	45
- Laboratory changes	47
- Complications	49
- Prognosis	51
- Treatment	52
- Dietary treatment	52
- Treatment of associated complications	55
- Subjects and methods	57
- The results	66
- Discussion	94
- Summary	101
- Recommendations	103
- References	104
- Arabic summary	

List of abbreviations

VMH	:	Ventromedial hypothalamus
CRH	:	Corticotropin releasing hormone
MW	:	Molecular weight
mRNA	:	Messenger ribonucleic acid
NPY	:	Neuropeptide Y
RT-PCR	:	Reverse transcriptase - polymerase chain reaction
TNF	:	Tumour necrosis factor.
IL	:	Interleukin
cAMP	:	Cyclic adenosine - mono phosphate
BMI	:	Body mass index
TSF	:	Triceps skin fold
MAC	:	Mid - arm circumference
HC	:	Head circumference
OB	:	Obese
Ob/ob	:	Obese
Fig	:	Figure
PEM	:	Protein energy malnutrition
BMR	:	Basal metabolic rate.
TSH	:	Thyroid stimulating hormone
IgA	:	Immunoglobulin A
LH	:	Lutenizing hormone
LHRH	:	Lutenizing hormone releasing hormone
ICV	:	Intracerebroventricular
ACTH	:	Adreno corticotrophic hormone
FFA	:	Free fatty acid
Min	:	Minute
K Da	:	Kilodalton
Å	:	Angstrom
HPA	:	Hypothalamic - pituitary adrenal

