



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of
15-25- c and relative humidity 20-40%

بعض الوثائق الأصلية تالفة

بالرسالة صفحات لم ترد بالاصل



STUDY OF EFFECT OF SEASONAL VARIATIONS ON THE BODY WEIGHT AND HEIGHT OF UPPER EGYPTIAN CHILDREN

210
UP

Thesis

*Submitted for Partial Fulfillment of
Master Degree in Anatomy*

By

*Wail Mohammed Gad El-Rab Askar
M.B.B.Ch.*

Supervised by

Prof. Dr.

Sayed Anwar Sayed Hassan

*Prof. of Anatomy,
Faculty of Medicine,
Assiut University*

Prof. Dr.

Mohamed El-Badry Mohamed

*Prof. of Anatomy,
Faculty of Medicine,
Assiut University*

Dr.

Hala Mahmoud Zarif Amin Badr

*Lecturer of Anatomy,
Faculty of Medicine,
Assiut University*

Assiut University

2004



صدق الله العظيم

سورة الشعراء آية (٦٢)



TO THE REMEMBER OF MY FATHER

TO MY KINDLY MOTHER

TO MY DEAR WIFE

TO MY LOVELY BABY



ACKNOWLEDGEMENT

Foremost, thanks are due to ALLAH, the most beneficent and merciful.

I am much indebted to Prof. Dr. Sayed A. S. Hassan, Professor of Anatomy, Faculty of Medicine, Assiut University, for his kind supervision and support during the whole scope of this work, also for his paramount assistance, encouragement and the much time he had spent in revising every step in this work.

I acknowledge Prof. Dr. Mohamed El-Badry, Professor of Anatomy, Faculty of Medicine, Assiut University, for his scientific support, and his kind encouragement.

My deepest gratitude is to Dr. Hala M. Zarif, Lecturer of Anatomy, Faculty of Medicine, Assiut University, for her kind supervision, valuable support and indispensable advice during the conduction of this work.

I wish to sincerely thank to Dr. Reda A. Saleh, Assistant Prof. of Anatomy, Faculty of Medicine, Al-Azhar University, for his kind support.

I would like to express my sincerest and respectful gratitude to the staff members of Anatomy Department for their fatherly attitude. Heartily thanks are also due to my colleagues and to every body who contributed in any way to this work.

Wail Mohammed Askar

CONTENTS

	Page
AIM OF THE WORK.....	1
INTRODUCTION	2
REVIEW OF THE LITERATURE	13
SUBJECTS AND METHODS	24
RESULTS	28
DISCUSSION	114
SUMMARY AND CONCLUSION.....	127
REFERENCES	129
ARABIC SUMMARY	--

