

بسم الله الرحمن الرحيم









شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



يجب أن

تحفظ هذه الأقراص المدمجة يعيدا عن الغيار











بالرسالة صفحات لم ترد بالأصل



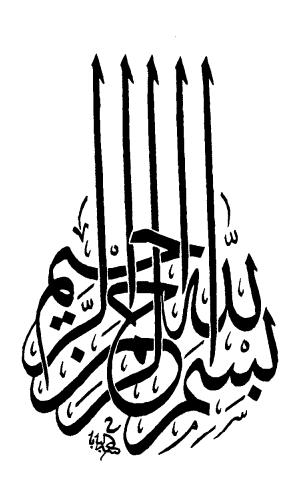
ROLE OF NUTRITION IN HEALTH AND NUTRITIONAL CARE IN HOSPITALS IN MENOUFIA GOVERNORATE

By

ESLAM AHMED MAHMOUD HEADER M.Sc. in Nutrition and Food Science Menoufia University

THESIS
Submitted in Partial Fulfillment
of the Requirements
for the degree of Ph.D
in
Nutrition and Food Science

Department of
Nutrition and Food Science
Faculty of Home Economics
Menoufia University
1997



﴿ وقال إعمام الله عماكم ورسوله والمؤمنون ﴿

صدق الله العظيم

UNDER THE SUPERVISION OF

Prof. Dr.ATIAT MOHAMED EL-BAHAY

Previous-Dean , Faculty of Home economics Atinf. M. ElBuhy Helwan University

SI-DS

Prof. Dr. MOHAMED SAMIR EL-DASHLOUTY

Previous-Dean , Faculty of Home economics

Menoufia University

APPROVAL SHEET

ROLE OF NUTRITION IN HEALTH AND NUTRITIONAL CARE IN HOSPITALS IN MENOUFIA GOVERNORATE

ESLAM AHMED MAHMOUD HEADER

Ph.D Degree of Nutrition and Food Science

This Thesis has been approved by:

Prof.Dr: M.M. El-Say od Prof.Dr: P-D

Prof. Dr: Atil M. EC Bahay

Prof. Dr: Aledel R. M. Alle

Committee in Charge

ACKNOWLEDGMENT

I wish to express my sincere and deep gratitude to Prof. Dr. Atiat Mohamed El-Bahay, Nutrition and Food Science Dept. Faculty of Home Economics Helwan University for suggesting the topic, her encouragement, valuable supervision and for her continuo's assistance throughout the investigation and the writing of the thesis.

Special thanks and deepest appreciation to Prof.Dr. Mohamed Samir El-Dashlouty, Department of Nutrition and Food Science Faculty of Home Economics, Menoufia University for his supervising, his encouragement, valuable help, faithful advice, providing facilities needed.

CONTENTS

	Page
INTRODUCTION	1
AIM OF WORK	3
REVIEW OF LITERATURE	4
- Role of Nutrition In Health Care	4
- Menus In Hospitals	14
- Food Service In Hospitals	20
- Nutrition Manager of Diabetes Mellitus	31
- Renal Disease	43
- Disease of The Heart	55
MATERIALS AND METHODS	74
RESULTS AND DISCUSSION	80
- Socio-economical Status	80
- Mean Daily Nutrient Intake	94
- Nutritive Value of Menus	127
- Opinion About Hospital Meals	150
- Anthropometric Measurements	160
- Correlation Between Socio-economic Variables	
And Macro-Nutrients Intake	173
- Correlation Retween Socio-economic Variable	

And Body Measurements	182
- Amino Acids Contents	191
- Fatty Acids Profile	226
CONCLUSION	242
RECOMMENDATIONS	250
SUMMARY	251
REFERENCES	267
ARABIC SUMMARY	285

•

.

.

List of Tables

List of Tables	
Table	Page
1- Comparison Between Mean And SD. Of Age for Male And Female Diabetes Mellitus, Renal, Atherosclerosis And Hypertension Patients At Both Hospitals.	81
2- Percent Distribution Of Patients According To Age And Sex In Both Hospitals	82
3- Percent Distribution Of Patients According To Socioal Status In Both Hospitals	83
4- Percent Distribution Of Patients According To Income In Both Hospitals	84
5- Percent Of Food Expenditure From total Income For Patients In Two Hospital	85
6- Percent Distribution Of Patients According To Family Size In Both Hospitals	86
7- Percent Distribution Of Patients According To Education Status in Tow Hospitals	87
8- Percent Distribution Of Hosts Patients According Education Status In Both Hospitals	88
9- Comparison Between Mean Daily Nutrients Intake In Both Hospitals For Diabetes Mellitus Patients (Male And Female) Compared To DR	96
10- Comparison Between Mean Daily Nutrients Intake In Both Hospitals For Renal disease Patients (Male And Female) Compared To DR	102
11- Comparison Between Mean Daily Nutrients Intake In Both Hospitals For Atherosclerosic Patients (Male And Female) Compared To DR	108

12- Comparison Between Mean Daily Nutrients Intake In Both Hospitals For Hypertension Patients (Male And Female) Compared To DR	114
13- Nutritive Value OF Meals Served At Both Hospitals For Diabetes Mellitus patients	129
14- Nutritive value of Meals Served At Both Hospitals For Renal Patients.	131
15- Nutritive value of Meals Served At Both Hospitals For Atherosclersis patients.	133
16- Nutritive value of Meals Served At Both Hospitals For Hypertension patients.	135
17- Net weight of Food Served For Diabetes Mellitus Patients At two Hospitals.	141
18- Net weight of Food Served For Renal patients At Both Hospitals.	143
19- Net weigh of Food Servesd For Atherosclerosis patients At two Hospitals.	145
20- Net weight of Food served For Hypertension patients At Both Hospitals.	147
21- Acceptability OF Menus Served At Two Hospitals.	152
22- Opinion About Hospital Menus For Male And Female Diabetes Mellitus Patients at Both Hospitals.	153
23- Opinion About Hospital Menus For Male And Female Renal patients At two Hospitals.	154

	·
24- Opinion About Hospital Menus For Male And Female Atherosclerosis Patients At Both Hospitals.	155
25- Opinion About Hospital Menus For Male And Female Hypertension patients At Both Hospitals.	156
26-Comparison Between Mean and SD.OF Anthropometric Measurements And Percent Of standard For Male And Female Diabetes Mellitus Patients At Both Hospitals.	162
27- Comparison Between Mean and SD. OF Anthropometric Measurements And Percent Of Standard For Male And Female Renal Patients At Both Hospitals.	163
28- Comparison Between Mean and SD. Of Anthropometric Measurements And Percent of standard for Male And Female Atherosclerosis Patients At two Hospitals.	164
29- Comparison Between Mean and SD. Of Anthropometric Measurements And Percent of Standard For Male And Female Hypertension Patients At Both Hospitals.	165
30- Comparison Between Means And SD. Of Body Mass Index (BMI) For Male And Female Diabetes Mellitus, Renal, Atherosclorosis And Hypertension Patients At Both Hospitals	166
31- Frequency Distribution of Mean Body Mass Index (BMI) For Male And Female Diabetes Mellitus, Renal, Atherosclerosis And Hypertension Patients At Both Hospitals	167