



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



شبكة المعلومات الجامعية
@ ASUNET



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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

Department of Medicine

Submitted in Partial Fulfillment
of Master Degree in Internal Medicine

B7094

By

(M.B.B.Ch. Ain Shams)

Prof. Dr. Sami Abd Allah Abdel Fattah

Faculty of Medicine- Ain Shams University

Prof. of Internal Medicine

Faculty of Medicine- Ain Shams University

Prof. of Clinical Pathology

Faculty of Medicine- Ain Shams University

AIN SHAMS UNIVERSITY

2001

BACTERIAL INFECTION OF THE GASTRIC
MUCOSA IN DIABETIC PATIENTS
AND SPIRAL

THESIS

Submitted in Partial Fulfillment
of the Requirements for the Degree of
Doctor of Medicine in Internal Medicine

BY

EBTISAM ABDEL MONEM EL SAID

(M.B.B.Ch. Ain Shams)

SUPERVISORS

Prof. Dr. Saad Abd. Allah Abdel Fattah

Prof. of Internal Medicine

Faculty of Medicine - Ain Shams University

Prof. Dr. Mohamed A. M. Elshahhat

Prof. of Internal Medicine

Faculty of Medicine - Ain Shams University

Prof. Dr. Ibrahim Khalil

Prof. of Clinical Pathology

Faculty of Medicine - Ain Shams University

AIN SHAMS UNIVERSITY

بسم الله الرحمن الرحيم

(. . سبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ. .)

صدق الله العظيم

(سورة البقرة آية ٣٢)

CONTENTS

	Page
INTRODUCTION & AIM OF THE WORK.....	1
REVIEW OF LITERATURE.....	2
Diabetes Mellitus	2
Diabetes Mellitus and Gastrointestinal tract...	13
Gastritis	20
Helicobacter pylori and Gastritis.....	33
SUBJECTS & METHODS	70
RESULTS	75
DISCUSSION	88
SUMMARY	92
CONCLUSION	94
REFERENCES.....	96
ARABIC SUMMARY.	

ACKNOWLEDEGMENT

First and foremost, Thanks are to ALLAH

The most beneficent and merciful.

*I wish to express my deep gratitude and appreciation to Prof. **Dr. Samy Abd Allah Abdel Fattah** professor of Internal Medicine, Ain Shams University for his experienced guidance, enthusiastic help and kind supervision.*

*I would also like to express my deep gratitude and respectful thanks to Prof. **Dr. Mohamed A.M. Makhoulf , Prof. of Internal Medicine**, Ain Shams university for his much effort, close supervision and repeated revision of every item in this work.*

*I wish to thank **Prof. Dr. Ebrahim Khalil, Prof. of Clinical Pathology** , Ain Shams university for his kind guidance and supervision .*

*I am also grateful to **Dr. Randa Mohamed** fellow of clinical pathology, Ain Shams University for without her help this work would not have been accomplished .*

*I would like to thank to **Dr. Saeed Hassan** lecturer of Internal Medicine , Ain shams university for his help and effort in this work .*

*I also extend my thanks to **Dr. Ragia Ahmed** consultant of Pathology, Ain Shams University for her remarkable effort in this work.*

Last but not least, I would like to thank my dearest husband my mother and all members of my family for their great support and help.

Introduction

