سامية محمد مصطفى

شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

سامية محمد مصطفى

شبكة المعلومات الجامعية

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

سامية محمد مصطفى

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

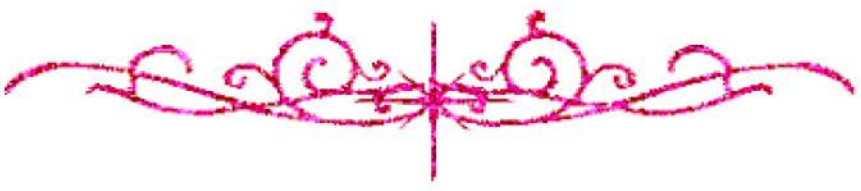
يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

سامية محمد مصطفى

شبكة المعلومات الجامعية

بعض الوثائق الأصلية تالفة



سامية محمد مصطفى

شبكة المعلومات الجامعية

بالرسالة صفحات لم ترد بالأصل

ANORECTAL MOTILITY STUDY IN DIABETIC PATIENTS

THESIS

Submitted for partial fulfillment
of Master degree
in internal medicine

BY

Bassem Faris Mina
M. B. B. Ch.

Supervised by

Prof. Dr. Ibrahim Abd- Allah
Prof. of internal medicine & gastroentrology
Ain Shams University

Prof. Dr. Hesham Ezz El- Din
Prof. of internal medicine & gastroentrology
Ain Shams University

Dr. Maha Abd El – Aziz
Assistant Prof. of internal medicine & gastroentrology
Ain Shams University

AIN SHAMS UNIVERSITY

1999

Acknowledgement

* First and for most thanks are to Allah.

* I am deeply grateful to Professor Dr. Ibrahim Abd- Allah Professor of internal medicine and gastroentrology, Ain Shams University, for his kind guidance, constant advice encouragement and supervision throughout the course of this study.

* I am grateful to Professor Dr. Hesham Ezz El- Din Professor of internal medicine and gastroentrology Ain Shams University, for his help in choosing the subjects, teaching and help me in starting and ending this work. Also, his guidance helped me to overcome many difficulties.

* I would also like to express my sincere gratitude to Dr. Maha El-Tony, Assistant Professor of internal medicine and gastroentrology, Ain Shams University for her kind help encouragement throughout the course of this study.

* I would like to pay a special regard and thanks to Dr. Rasha El-Refaai, assistant lecturer of internal medicine, Ain Shams University, for her kind help during carrying out the practical part of this work.

* Finally, I am very grateful to all subjects assisting me in completing this study.

Contents

INTRODUCTION

INTRODUCTION

Gastrointestinal motility disorders are common in diabetes mellitus and include fecal incontinence, constipation, diarrhea and impaired gastric emptying (***Feldman, etal 1982).***

Pathogenesis of fecal incontinence is controversial and defects of both anorectal sensory and sphincteric motor responses have been implicated. ***(Schiller, etal, 1982).***

The threshold volume at which diabetic patients with fecal incontinence experience rectal sensation is higher than that in continent diabetic indicating an impaired rectal sensation which most likely has neurological basis. ***(Word,etal, 1984).***

In another study, impaired phasic external sphincter response to rectal distention had been noted, while rectal compliance was normal. ***(Patterson, etal, 1994).***