

بسم الله الرحمن الرحيم



HOSSAM MAGHRABY



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



HOSSAM MAGHRABY

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

HOSSAM MAGHRABY



بعض الوثائق الأصلية تالفة



HOSSAM MAGHRABY



بالرسالة صفحات

لم ترد بالأصل



HOSSAM MAGHRABY

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿وَعَلَّمَكَ مَا لَمْ تَكُن تَعْلَمُ﴾

وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ عَظِيمًا ﴿﴾

صدق الله العظيم

من الآية ١١٢ سورة النساء

**Analysis of Rectoanal Inhibitory Reflex in Cases
of Chronic Constipation**

810942

Thesis

Submitted to the Faculty of Medicine,
University of Alexandria,
In partial fulfillment of the requirements
of the degree of

Master of General Surgery

By

Walid Mohammed Abdel Maksoud

M.B.B.Ch. (Alexandria)

General Surgery Department

Faculty of Medicine

University of Alexandria

2000

Supervisors

Prof. Dr. Mohammed Abdel Salam Ahmed

*Professor of General Surgery,
Chairman of Colon & Rectum Surgery Unit,
Faculty of Medicine,
University of Alexandria.*

Dr. Yehia Abdel Monem Kosba

*Assistant Prof. of General Surgery
Faculty of Medicine,
University of Alexandria.*

Dr. Yasser Mohamed Zaki

*Assistant Prof. of General Surgery
Faculty of Medicine,
University of Alexandria.*



Acknowledgements

This humble work was privileged and honoured by the supervision of Prof. Dr. Mohammed Abdel Salam Ahmed, Professor of General Surgery, Chairman of Colon & Rectum Surgery Unit, Faculty of Medicine, University of Alexandria. Professor Mohammed spared no effort in paving the way through surpassing many problems thrown in front of this work. I am especially indebted to his valuable scientific guidance.

I would like to express my deepest gratitude and appreciation to Dr. Yehia Abdel Monem Kosba, Assistant Prof. of General Surgery, Faculty of Medicine, University of Alexandria., who guided me all through this work. Needless to say that his unlimited help and perseverance formed the corner stone to overcome any obstacle that stood in its way.

I would like to present plentiful thanks to Dr. Yasser Mohamed Laki, Assistant Prof. of General Surgery, Faculty of Medicine, University of Alexandria, for his kind willing help throughout this work. I am especially indebted to his valuable effort, practice and scientific guidance.

I would like to thank Dr. Ahmed Hussein, Assistant Prof. of General Surgery, Faculty of Medicine, University of Alexandria, Dr. Mohamed Saad, Assistant Prof. of General Surgery, Faculty of Medicine, University of Alexandria, Dr. Mohamed Abdel-Salam, Lecturer of General Surgery, Faculty of Medicine, University of Alexandria, and Dr. Mohamed Maxloun, Lecturer of General Surgery, Faculty of Medicine, University of Alexandria, for their skillful guidance. I just wish to express my genuine appreciation for their continuous encouraging and support.

I would like to express my appreciation to All Staff Members of the Unit of Colorectal Surgery, Alexandria Main University Hospital for their continuous effort and energetic help.

CONTENT

	<i>Page</i>
I. INTRODUCTION	1
II. AIM OF THE WORK	40
III. MATERIAL	41
IV. METHODS	42
V. RESULTS	51
VI. DISCUSSION	82
VII. SUMMARY AND CONCLUSION	95
VIII. REFERENCES	98
PROTOCOL	
ARABIC SUMMARY	

INTRODUCTION

INTRODUCTION

The incidence, severity, and duration of symptoms of constipation are highly variable. Even the definition of what constitutes constipation is unclear; some patients complain of inadequate stool frequency only, poor stool consistency, or difficulty with defecation; all complain of clinical constipation.^(1,2,3) Individuals' perceptions of constipation were found to be variable, almost 50% of people considered constipation purely in terms of frequency of bowel actions, almost 25% in terms of straining, pain, and hard stool, and 30% in terms of both. Since these parameters are difficult to evaluate, stool frequency remains as a reliable clinical guide. Some authors believe that with the available information, patient should be considered constipated under any of these circumstances: (a) if the stool weight is less than 35 g per day; (b) if fewer than three stools for women and five for men are passed per week while following a high-residue diet (30 g diet fiber); or (c) if more than three days pass without bowel movement.⁽⁴⁾ In a recent survey⁽⁵⁾ up to 5% of an American population sample said that they pass two or fewer stools a week. Since it seems reasonable to use frequency as a guide,