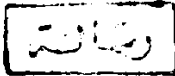


PHONOSURGERY

An Essay Submitted for the Partial Fulfillment for
the Master Degree in Phoniatics



By

Ahmed Mamdouh Imam Othman

M.B., B. Ch.

616.855
A . M

Supervised by

52162

Prof. Dr. Mohammed Ali Saad Baraka

Professor of Phoniatics

Ain Shams University

Dr. Marwa Mahmoud Saleh

Lecturer of Phoniatics

Ain Shams University

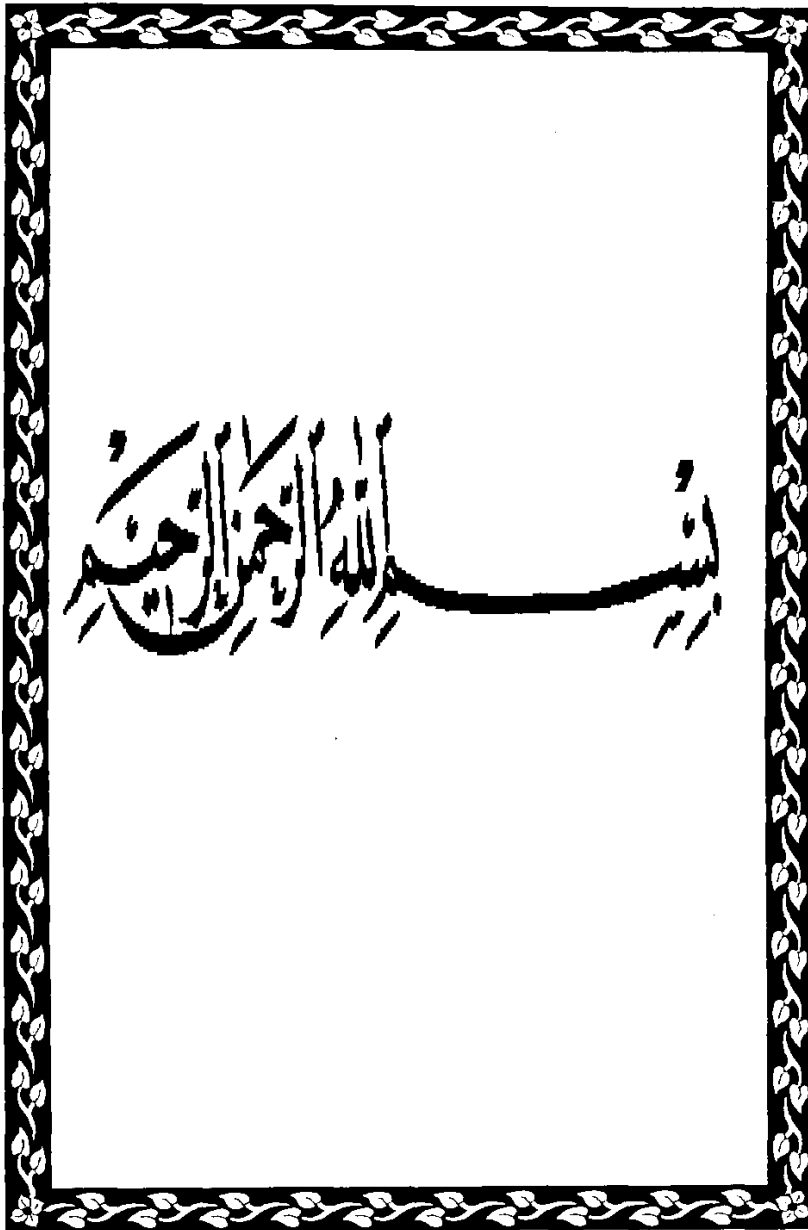


Faculty of Medicine

Ain Shams University

1996





بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

وقل رب زدني علما

صدق الله العظيم

ACKNOWLEDGEMENT

I would like to express my sincere appreciation to professor Dr. Mohammed A. S. Baraka Professor of Phoniatric, Ain Shams University for his guidance throughout this work.

I am delighted to express my deepest gratitude to Dr. Marwa M. Saleh, Lecturer of phoniatrics, for her continuous advice and supervision.

I am greatly indebted to Professor Dr. Nasser Kotby, Head of E.N.T. department, Ain Shams University, for his guidance and encouragement.

I am also very grateful to my Professor Dr. Abd El-Mateen Mousa, Dean of Faculty of Medicine, South Valley University, for his kind support.

I wish to thank Dr. Naser Hassan, Assistant Lecturer of Phoniatrics, Ain Shams University, for his cooperation.

CONTENTS

Introduction	1
Aim of the work	5
Surgical anatomy	6
Phonosurgery aim and classification	17
Extirpation endolaryngeal microsurgery	18
Laser surgery	48
Vocal fold augmentation	53
Arytenoidectomy	62
Framework surgery	63
Spastic dysphonia	87
Neurophonosurgery	91
Reconstruction phonosurgery	97
Post-laryngectomy phonosurgery	100
Phonosurgery in Phoniatic Unit	103
Summary	107
References	109
Arabic Summary	

LIST OF FIGURES

Fig. No.	Page
1	7
2	11
3	11
4	28
5	30
6	32
7	37
8	41
9	44
10	60
11	60
12	62
13	69

INTRODUCTION

