

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 بعيدا عن الغبار





بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



2022
10/1

STUDY ON THE PREVALENCE OF BRONCHIAL ASTHMA IN SECONDARY SCHOOL STUDENTS

*Thesis submitted for partial fulfillment of the M. Sc.
Degree in Chest Diseases*

Presented by

Heba Helmy Abdel Latif

M.B., B.Ch.

Faculty of medicine, Ain Shams University

Under the supervision of

Prof. Mohamed Awad Tag El-Din

*Deputy-President of Ain Shams University for Post-Graduate Studies
and Research*

Prof. of Chest Diseases

Faculty of Medicine, Ain Shams University

Prof. Mohamed Abdel Sabour Faramawy

Professor of Chest Diseases

Faculty of Medicine, Ain Shams University

FACULTY OF MEDICINE
AIN SHAMS UNIVERSITY
2000.

616.238
H.H.

65645

ACEA



one W N

1

65

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

ACKNOWLEDGMENT

First, and foremost, I feel always indebted to god.

Every candidate owes a debt of gratitude and loyalty to his teachers and professors. I would like to express my sincere gratitude and deep appreciation to **Prof. Dr. Mohamed Awad Tag El-Din** Deputy-President of Ain Shams University for Post-graduate Studies and Research, Prof. of Chest Disease, Ain Shams University for his kind guidance and supervision, his real encouragement and keen inter interest throughout the course of this work.

I am greatly indebtedes to **Dr. Mohamed Abd El Sabour**, Professor of Chest Diseases, Ain Shams University for his meticulous supervision, great interest, invaluable advice and senerous help to accomplish this work.

I am also deeply grateful to all the members of Chest Department, Ain Shams University, for their help and encouragement.

LIST OF CONTENTS

Introduction	1
Aim of the work	3
Review of literature	5
- Definition and classification of bronchial asthma.	5
- Triggers of asthma.	11
- Prevalence of asthma.	25
- Diagnosis of asthma.	39
- Progression of allergy and asthma through childhood to adolescence.	59
- Immunological processes underlying responsiveness to inhalant allergens.	61
- Prognostic factors for the outcome of childhood asthma in adolescence.	66
- Prophylaxis and management of asthma	69
Subjects and methods	93
Results	105

List of contents

Discussion	127
Summary and conclusions	139
Recommendations	145
References	147
Arabic summary	

LIST OF FIGURES

Review of literature:-

Figure (1): Hypothetical pathways concerned in EIA.	22
Figure (2): Diagrammatic representation on the newly generated and performed mediators following the interaction of antigen with IgE on the surface membrane of mast cell.	43
Figure (3): The relations between tidal flow volume and MEVF curve during asthma.	48
Figure (4): Predicted values of PEFR.	52
