



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



MONA MAGHRABY



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التوثيق الإلكتروني والميكروفيلم

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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MONA MAGHRABY



Asthma Education and its Impact on Emergency Department Visits by Asthmatic Children

Thesis

*Submitted for Fulfillment of Master Degree in
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By

Refaey Mohammad Abdelaziz Mohammad

M.B; B.Ch. 2014

Supervised by

Mervat Gamal Eldin Mansour

Professor of Pediatrics

Faculty of Medicine-Ain Shams University

Dr. Heba Allah Ahmed Ali

Lecturer of Pediatrics

Faculty of Medicine-Ain Shams University

*Faculty of Medicine
Ain Shams University
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سبحانك لا علم لنا
إلا ما علمتنا إنك أنت
العليم العليم

صدق الله العظيم

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List of Abbreviations

Abb.	Full term
ACT.....	Asthma Control Test
APCs.....	Antigen-Presenting Cell
API.....	Asthma Predictive Index
ATS/ERS.....	American Thoracic Society/European Respiratory Society
BA.....	Bronchial Asthma
BC.....	Before Christ
BHR.....	Bronchial hyperresponsiveness
BMI.....	Body Mass Index
BTS/SIG	British Thoracic Society / Scottish Intercollegiate Guidelines Network
BVM.....	Broncho vascular Markings
CBC	Complete Blood Count
CDC	Center for Disease Control
CRP.....	C-reactive protein
CXR	Chest X-ray
DPI.....	Dry-powder inhaler;
ECT.....	Exercise Challenge Test
ED.....	Emergency department
EIA.....	Exercise-Induced Asthma
EIB.....	Exercise-Induced Bronchospasm
ER.....	Emergency Room
ETS.....	Environmental Tobacco Smoke
FEF.....	Forced Expiratory Flow
FeNO	Exhaled Nitric Oxide
FEV ₁	Forced Expiratory Volume in the First Second
FOT.....	Forced Oscillation Technique
FRC.....	Functional Residual Capacity
FVC.....	Forced Vital Capacity

List of Abbreviations Cont...

Abb.	Full term
GERD	Gastroesophageal Reflux Disease
GINA	Global Initiative for Asthma
GM-CSF.....	Granulocyte Macrophage Colony Stimulating Factor
Hb	Hemoglobin
HCT	Hematocrit
HDM.....	House Dust Mite
Hr.....	Hour
HS.....	Highly Significant
ICS.....	Inhaled Corticosteroid
ICU	Intensive Care Unit
IDA	Iron-Deficiency Anemia
IgE	Immunoglobulin E
IL6R.....	Interleukin 6 Receptor
IOS.....	Impulse oscillometry
ISAAC	International Study of Asthma and Allergies in Childhood
LABA.....	Long Acting Beta Agonist
LMIC	Low- and middle-income countries
LRTI	Lower Respiratory Tract Infections
LTRA.....	Leukotriene Receptor Antagonist
MAPI	Modified Asthma Predictive Index
MCHC.....	Mean Corpuscular Hemoglobin Concentration
MCV.....	Mean Corpuscular Volume
MDI.....	Metered Dose Inhaler
NAEPP	National Asthma Education and Prevention Program

List of Abbreviations Cont...

Abb.	Full term
NICE.....	National Institute for Health and Care Excellence
NPPV.....	Non-invasive positive pressure ventilation
NSAIDs	Non-Steroidal Anti-inflammatory Drugs
O2	Oxygen
PEFR.....	Peak Expiratory Flow Rate
PFTs	Pulmonary Function Tests
PICU.....	Pediatric Intensive Care Unit
PO.....	Per Oral
Ppb.....	Parts per Billion
RBCs.....	Red Blood Cells
RDW	Red Cell Distribution Width
RSV.....	Respiratory Syncytial Virus
RV.....	Residual Volume
SABA.....	Short Acting Beta Agonist
SD	Standard Deviation
SNPs.....	Several Single Nucleotide Polymorphisms
SpO2.....	Oxygen Saturation
TB.....	Tuberculosis
Th2.....	T helper 2
TSLP.....	Thymic Stromal Lymphopoietin
URTI.....	Upper Respiratory Tract Infection
USA	United State of America
WHO.....	World Health Organization

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