

LIST OF TABLES

Table		page
(1)	Classification of asthma severity	7
(2)	Levels of Asthma Control according to the GINA guidelines	8
(3)	Stepwise Approach for Long Term Management of Asthma	13
(4)	Choosing an Inhaler Device for Children with Asthma	14
(5)	Causes of non-adherence	20
(6)	Distribution of asthmatic children according to the degree of asthma control and sociodemographic characteristics of their mothers (primary care givers)	27
(7)	Distribution of asthmatic children according to the degree of asthma control and socio-demographic characteristics of their fathers	29
(8)	Distribution of asthmatic children according to the degree of asthma control and some family characteristics	31
(9)	Distribution of asthmatic children according to the degree of asthma control and their family history of allergic diseases	33
(10)	Distribution of asthmatic children according to the degree of asthma control and child demographic characteristics	35
(11)	Distribution of asthmatic children according to the degree of asthma control and associated co-morbid conditions	37
(12)	Distribution of asthmatic children according to the degree of asthma control and history of continuous exposure to various triggers	38
(13)	Distribution of asthmatic children according to the degree of asthma control and their past medical history of bronchial asthma	40
(14)	Distribution of asthmatic children according to the degree of asthma control and their treatment plan	42
(15)	Distribution of asthmatic children according to the degree of asthma control and their treatment behavior	45
(16)	Causes of poor compliance among asthmatic children	48

LIST OF FIGURES

Figure		page
(1)	Distribution of studied asthmatic children according to school attendance and degree of asthma control	36
(2)	Distribution of studied asthmatic children according to degree of asthma control and appropriateness of prescribed treatment	43
(3)	Distribution of studied asthmatic children according to their level of compliance with the prescribed treatment	46
(4)	Distribution of studied asthmatic children according to degree of asthma control and degree of compliance with the prescribed treatment	46
(5)	Distribution of studied asthmatic children according to degree of asthma control and degree of compliance with the full dose of prescribed treatment	47
(6)	Distribution of studied asthmatic children according to degree of asthma control and the method of drug delivery	47
(7)	Distribution of non-complying asthmatic children according to the most common cause of poor compliance	48

LIST OF ABBREVIATION

ARIA	: Allergic Rhinitis and its Impact on Asthma
AUCH	: Alexandria University children's Hospital
ETS	: Environmental Tobacco Smoke
FEV ₁	: Forced expiratory volume in 1 second
FVC	: Forced Vital Capacity
GERD	: Gastroesophageal Reflux Disease
GINA	: Global Initiative For Asthma
HPA	: Hypothalamic Pituitary axis
LABA	: Long Acting Beta2 Agonist
NAEPP	: National Asthma Education and Prevention Program
MDI	: Metered Dose Inhaler
ICS	: Inhaled Corticosteroid
NHLBI	: National Heart Lung and Blood Institute
PEF	: Peak Expiratory Flow
PICU	: Pediatric Intensive Care Unit
RSV	: Respiratory Syncytial Virus
SABA	: Short Acting β 2-Agonist