



INTRODUCTION

Allergic disorders are one of the most common diseases of man. It is about 25-30% of the total population of the Globe is suffering from allergic diseases including bronchial asthma allergic rhinitis, allergic conjunctivitis, atopic dermatitis, food and drug allergy (*WHO, 2009*).

As regard asthma it is a very common chronic disease in respiratory system in which the constricted air ways become inflamed and are lined with excessive amount of mucus (*Harold et al., 2008*).

In susceptible individuals airways inflammation may cause recurrent or persistent bronchospasm which cause symptoms including wheezing, breathlessness and chest tightness particularly at night or after exercise (*Girish et al., 2009*).

Asthma is caused by a complex interaction of environmental and genetic factors (*Martinez, 2007*).

These episodes may be triggered by such things as exposure to an environmental stimulant such as an allergen, environmental tobacco smoke, cold or warm air, perfume, pet dander, moist air, exercise, or emotional stress. In children the most common triggers are viral illnesses such as those that cause the common cold (*Zhao et al., 2002*).

In the past three decades it was witnessed dramatic increase in the prevalence of asthma and allergic diseases world wide most notably in a western lifestyle (*Balicer et al., 2007*).