

RELATION BETWEEN ASTHMA ,ALLERGIC RHINITIS AND ATOPIC DERMATITIS

M. Karovska¹, G. Karovski², Z. Rajcanovska³, M. Cilakova¹

¹School Dispensary ²Department of Psychiatry, Medical Centre, Kavadarci

³Children Dispensary, Health Department, Negotino, Macedonia

mimikar@mt.net.mk

Many studies elaborated that allergens are related to the appearance of the symptoms for rhinitis, asthma and dermatitis in atopic persons, and they are the main trigger for asthma in children.

Aim: Investigation at connection of asthma with allergic rhinitis and atopic cutaneous manifestation in school children and which of them was the primary disease in the relation.

Material&methods: In our study were analysed 572 school children at 7 to 18 age.

The case of clinically, allergologic and immunologic confirmed rhinitis, asthma and dermatitis were taken into consideration. The majority of them had symptoms of asthma.

Results: The connection of asthma with allergic rhinitis is evident. At the 61,8% of examinees with allergic rhinitis was found and confirmed asthma. Rhinitis preceded asthma in 43.8%, in 18% it appeared simultaneously with asthma. Atopic cutaneous manifestation are common associated in asthma patients. Atopic dermatitis was found in 21% of the investigated. The greatest frequency was in adolescents. At the most frequent allergens in the investigation were determined dermatophagoides pteronyssimus, grass pollen, animals hair, cosmetics, linden, insects prick, poplar, horse chestnut, etc.

Conclusion: It could be concluded that atopic rhinitis and dermatitis have a central part in development of asthma. Early diagnosis is of a great importance due to timely undertaking of preventive measures and adequate treatment to control and prevent the further development of atopy.

