

**ASTHMA BRONCHIALE IN CORRELATION WITH ALLERGIC RHINITIS IN
CHILDHOOD-OUR EXPERIENCE**

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The aim of the study is to present the incidence of the allergic rhinitis in correlation with the asthma bronchiale in childhood. Materials and methods: The data for our investigation were received from the medical documentation at The Paediatric Pulmology Ambulance in Kumanovo. The diagnosis was determined on the basis of anamnesis, clinical and laboratory examinations according standard diagnostic criteria from diagnosing allergic rhinitis and asthma bronchiale. Results: We monitored 165 patients (from 1 to 14 years) with diagnosed asthma bronchiale. The majority of them 89 or 53,9% had additional symptoms of allergic rhinitis. In 26 or 29,2% of the cases had both disorders appeared at the same time. 47 or 52,8% of the patients gets allergic rhinitis first and 16 or 18% asthma. The most common allergic rhinitis was found in age group of 6-14 years. Our management and treatment included: allergen avoidance, use of antihistamines, intranasal corticosteroids, education. Compliance was very good. Conclusion: Asthma bronchiale is frequently accompanying by allergic rhinitis. Our results correspond with the literature, it is proved that allergic rhinitis is precipitating factor for asthma bronchiale. Early diagnosis of allergic rhinitis is of a great importance due to timely undertaking of preventive measures and treatment of allergic rhinitis as real risk for development of asthma bronchiale.

