

THE CYTOKINES LEVEL CORRECTION IN ASTHMA PATIENTS

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Summary

The role of cytokines in development of the bronchial tree inflammation in patients with asthma has been outlined in the article. Considering the importance of IL-4 and IL-5 in the development of bronchial obstruction in initial and late phases of inflammation we evaluated the levels of above-mentioned cytokines in serum of 53 patients with persistent moderate asthma. Depending on the baseline examination data we administered therapy with Tylade or Flixotide. The results of the study demonstrated that the therapy allowed controlling the disease in all patients. This was confirmed by a significant improvement of pulmonary function. The evaluation of IL-4 and IL-5 serum concentration could serve as a criterion of the effectiveness of basic anti-inflammatory therapy.