

USE OF CYCLOFERON AND PYOBACTERIOPHAGE FOR IMMUNE CORRECTION IN ASTHMA PATIENTS WITH PATHOGENIC MICROFLORA RESPIRATORY TRACT COLONIZATION

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Abstract

The aim was to study the efficiency of immune correction with Cycloferon and Pyobacteriophage combination in bronchial asthma patients with respiratory tract opportunistic microflora colonization.

Object — 44 patients with moderate persistent asthma in the remission phase.

Methods — clinical, immunological and statistical.

Results. Cycloferon (12,5 % solution, 2 ml (250 mg) i/m QD 1 on day 1, 2, 4, 6, 8, 11, 14, 17, 20, 23) and Pyobacteriophage (2 drops in each nostril TID for one month) were administered to asthma patients with respiratory tract opportunistic microflora colonization. This therapy led to normalization of WBC indexes, T-cells maintenance and its subpopulation balance, recruitment of monocytes, B-cells and NK cells, normalization of IgM and IgG levels in blood serum and stimulation of circulatory phagocytes metabolic activity. IgE serum level decreased to more degree in comparison with the control group, but didn't reach normal range. Thus, through all treatment period and after its completion it is required to monitor this parameter.

Key words: asthma, Cycloferon, Pyobacteriophage, immune correction.

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