

Conclusions: 1) Investigation had shown direct dependence between degree of contamination of HP and severity of morphological changes gastric mucous. 2) Content of IL-1 β and IL-4 depends of degree of lesion gastric mucous at HP-related duodenal ulcer.

USING OF POLYOXIDONIUM IN PATIENTS WITH ASTHMA IN COMBINATION WITH METABOLIC SYNDROME

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Clinical and immunological investigation of patients with asthma (the first group) and with asthma and metabolic syndrome (MS) (the second group) using polyoxidonium in complex therapy was carried out.

27 patients with severe asthma and 16 patients with a combination of asthma and MS were investigated. Superficial markers of lymphocytes were studied using monoclonal antibodies sets CD3, CD4, CD8, CD11b, CD16, CD23, CD25, CD54, CD71, CD95, HLA-DR of SLL (Society of limited liability) "Sorbent", Podolsk, Moscow region.

Polyoxidonium was entered in a does of 6 mg intramuscularly.

Statistical processing was carried out by means of methods of variational statistics using students probability criterion.

Changes of cellular immunity in patients of both groups were shown by T-lymphopenia (CD3), decrease of cytotoxic cells (CD16, CD8), markers of readiness to apoptosis (CD95), increase of adhesion molecules (CD11b, CD54), activation markers (CD23, CD25, HLA-DR).

While making a comparison of these parameters more expressed violations were revealed in patients with constellation of asthma and MS. Obviously, it's one of immunological mechanisms of development of a mutual burdening syndrome, strengthening of respiratory airways inflammation.

Application of polyoxidonium contributed to positive clinical dynamics (reduction of seriousness of attacks, increase of FVC, FEV₁, FEV₁ to VC, FEV₁/VLC, MEF, PEF) increase of T-lymphocytes quantity, natural killers, receptors to transferrinum, readiness of mononuclear phagocytes for apoptosis, normalization of helper-suppressor balance. Decrease of integrin Mac-1 (CD11b), adhesion molecules (CD54), markers of lymphocytes activation (CD23, CD25, HLA-DR) was marked also. These changes are evidence of reduction of inflammation activity, amplification of antimicrobial protection.

Thus, inclusion of polyoxidonium in complex therapy of asthma and its combination with MS promotes clinical improvement and normalization of cellular immunity parameters.

THE USAGE OF MODERN MULTIMEDIA TECHNOLOGIES IN STUDYING THE DISCIPLINE "HISTORY OF UKRAINE"

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The fast rates of ICT and telecommunication technologies development make enable to use more new forms of education that are different from traditional methods. It's also helps to improve existing education methods.

During the last years universities of many countries have paid the attention to the opportunity of usage computer telecommunication technologies for the organization of distant education. These technologies provide effective feedback, which is used in organization of teaching materials and during the dialogue with the teacher, who supports a training course. Last years such educational system has received the name "distant education" unlike well-known correspondence formation.

In the conditions of distant education student gets an access to the teaching materials that he need to download from the Internet. Therefore one of the priority tasks which are stand before the developers is to provide qualitative and fast access to the teaching materials in a format accessible to each user.