



PSORIASIS

THE STUDY OF CHANGES IN THE INDICES OF THE IMMUNE SYSTEM IN PSORIASIS.

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Background: According to modern ideas, psoriasis is a T cell-mediated immune skin disorder characterized by hyperproliferation and abnormal differentiation of the epidermis.

Objective: Study of the degree of violations of the immune system in patients with psoriasis, depending on the clinical forms.

Materials and Methods: of the study were conducted in 35 patients with various clinical forms of psoriasis aged 16 to 70 years. The progressive stage of psoriasis was diagnosed in 33, the stationary stage in 7 patients.

Results: The data obtained showed that in patients with progressive psoriasis before the start of treatment, a decrease in the relative number of CD3 cells by 15.9%, CD4 cells by 24.4%, and CD20 cell count was increased by 35.6% in comparison with the data of the control group. The content of CD8-cells remained at the level of the data of healthy individuals. In patients in this group, CD25 + lymphocyte activation marker numbers decreased by 14.9%, and CD95 + increased by 16.3%.

In patients with a stationary stage of psoriasis, admission to the data of the control group showed a decrease in the percentage of CD3 cells by 13.2%, CD4 cells by 19.8% and an increase in the number of CD20 cells by 29.4%. The level of CD8-cells was within normal limits. Patients of this group had a decrease in the indicators of CD25 + lymphocyte activation markers by 11.6% and an increase in CD95 + content by 16.3%.

Conclusions: The foregoing shows that in patients with psoriasis, a disturbance in the functioning of the immunity system is observed, which is accompanied by a decrease in the functional activity of the cellular system and an increase in the humoral link of the immune system. The most pronounced shifts in the immune system are observed in patients with a progressive stage.

