

PSORIASIS

THE STATE OF THE IMMUNE STATUS OF PATIENTS WITH PSORIASIS, DEPENDING ON THE STRENGTH AND VEGETATIVE TONE OF THE NERVOUS SYSTEM.

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Background: Psoriasis is a multifactorial inherited disease, the etiology and pathogenesis of which is still unclear.

Objective: The state of the immune status of psoriasis patients was studied depending on the strength and vegetative tone of the nervous system.

Materials and Methods: 145 patients with psoriasis aged from 9 to 73 years were examined. There were 99 men and 46 women.

Results: In persons with weak strength of the nervous system, a marked decrease in the number of T-lymphocytes, T-helpers and T-suppressors is observed in comparison with the control group than in patients with strong and intermediate strength of the nervous system. Regardless of the strength of the nervous system, B-lymphocyte and IgG levels increase in all the examined groups, and the IgA and IgM levels in patients with a strong type of nervous system were increased, while in the remaining groups it was significantly higher than in the control group.

Regardless of the vegetative tone of the nervous system, there is a decrease in the number of T-lymphocytes, T-helpers and T-suppressors and an increase in the level of B-lymphocytes in comparison with the control data. In patients with sympathetic tone disorders in these immunity systems were more pronounced than in other groups of patients.

In patients with sympathetic tone, an increase in the levels of IgA, IgM and IgG prevailed. In patients with parasympathetic tone, the IgA and IgG content was higher, and the IgM level tended to increase with respect to the control. Among persons with normotonic tone, there was a tendency to increase concentrations of IgA and IgM and increase the IgG content.

Conclusions: The data obtained indicate that in persons with weak strength and sympathetic tone, deeper changes in the immune system are observed than in persons with other forces and nerves of the nervous system.