Therapy of neurodermatitis is a very thankless subject for both the orthodox medicine and the naturopathy. In search of possibly effective therapeutical methods for the acquired immunodeficiency the author had stumbled upon the application of autologous blood derivates gained by proteolysis and ozonolysis of selected autologous blood fractions. The fact that exact follow-ups of the lymphocytic subpopulations in the above-mentioned patients revealed that the number of helper cells and suppressor cells may be controlled by these remedies suggested that the application of these protein/cell mixtures might also show good results in case of autoimmune diseases. The efficiency of the therapy is demonstrated by example of neurodermatitis and supported by statistical data. The author presents two studies the surprising result of which is a full remission without relaps in 40% of 10 patients who were not treated by the author as well as a full remission without relaps in 37% of the author's patients over a period of 2.5 years. The autologous blood derivates gained by the method which is briefly described are very potent remedies and thus have to be carefully measured. The correct dosage is described in detail.