

# THE EFFECT OF ACUPUNCTURE ON CELL-REACTIVITY INDICES OF BACKBONE OSTEOCHONDROSIS AFFECTED PATIENTS

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In the process of acupuncture treatment (AP) of 25 backbone osteochondrosis (BOC) affected patients the amount of leucocytes and their individual forms, phagocytosis with staphylococcus living culture, peroxidase cytochemically according to Graham-Knoll and alkaline phosphatase according to Kaplow with their estimation in a smear in the CI-system (per litre of blood according to Lazorik) were examined in peripheral blood. Depending on a pain-syndrom zone the meridian principle was used. Immediately after AP the indices studied showed changes of various directional character; for some patients the amount of leucocytes, the alkaline phosphatase changed 1,5 to 2,5 times, peroxidase in a smear for 30% and in a litre of blood up to 2,7 times. The phagocytosis indices in a smear changed to 40 times and in a litre of blood up to 6-11 times. In 24 hours phagocytosis indices increased positively exceeding the initial level in a smear 2 to 4 times, ferments amount in a smear tended to increase and in a litre of blood to decrease. At the end of the treatment the initial low indices of phagocytosis increased and the high ones decreased. Thus AP causes phase changes of the cell-reactivity indices for BOC-patients. Immediately after AP shifts of various directions appear, in 24 hours they increase unidirectionally and at the end of treatment tend to normalize. The shifts can be treated as an immuno-competent system activation after the "adaptation-reaction type due to AP - being of undoubt sanogenetic value.