

## INFLUENCE OF TRANSCRANIAL ELECTROANALGESIA FOR MACROELEMENTS

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**Summary.** Changes in blood-brain barrier in respect to macroelement cation penetrance under the influence of transcranial electroanalgesia have been studied. The concentrations of Na, K, Ca and Mg were measured before and 15, 30, 60 and 90 min. after the beginning of the procedure. It was stated that Na, K and Ca concentrations return to the initial level while that of Mg - decreases. The data obtained prove that the influence of electroanalgesia does not exceed the regulatory functions of the blood-brain barrier.