

Список литературы

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TEMPORAL ORGANIZATION OF PAIN SENSITIVITY OF RATS UNDER THE INFLUENCE OF HYPOKINETIC STRESS

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The study examined the relationship of behavioral reactions of rats to the pain test, and data modification reaction under the effect of hypokinetic stress. Use of cluster and correlation analyses allowed to characterize changes in the rhythmic processes of the duration of pain and not pain manifestations in rats microcapsule: in the early stages of the mobility limitation (first to fifth day), there is correcting the synchronizing action of hypokinesia, which is manifested in a greater similarity of amplitude-phase characteristics of the durations of behavioral manifestations to those seen in animals subjected to the action of about the pain factor; in the later stages of the mobility limitation (seventh to ninth day) is the development of desynchronization, even to a greater extent than in rats subjected to the isolated effect of the pain factor.

The data of cluster and correlation analyzes show that in the mechanisms of the modifying effect of hypokinetic stress on the level of pain sensitivity at early stages of mobility limitation, the restoration of interrelations between pain and non-behavioral manifestations is of great importance, and in later periods of hypokinesia, the separation and reduction of the correlation relationships between the data behavioral manifestations.

The modifying effect of hypokinetic stress on the level of pain sensitivity is manifested in a change in the rhythmic processes of the durations of pain and nebolevymi manifestations in rats in the micro range: early correction of the mobility notes the corrective and synchronizing effect of the limitation of mobility, which manifests itself in a greater similarity of the amplitude-phase characteristics of the durations of behavioral manifestations to those in animals subjected to the false action of the pain factor; in the

late periods of hypoxenia, desynchronosis develops, and to a greater extent than in animals subjected to the isolated action of the pain factor.

Keywords: hypokinesia, pain, formalin test, biological microrite, rats.

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