Brain Disorders/Neurological

The effect of Hyperbaric Oxygenation on the manifestation of brain edema at different periods of an acute experimental compression-dislocation syndrome

[Vliianie giperbaricheskoj oksigenatsii na vyrazhennost' oteka mozga v razlichnye periody ostrogo eksperimental'nogo kompressiono-dislokatsionnogo sindroma.]

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Livshits BM

As a result of determining the intensity of brain edema in animals with associated acute compression dislocation syndrome and cerebral compression lasting one day, the following conclusions have been drawn on days 3 and 10 after its elimination. Hyperbaric oxygenation (HBO) exerts a preventive and therapeutic antiedematous action, minimizes interhemispheric asymmetry of brain edema in this pathology. One of the mechanisms of the beneficial action of HBO in acute compression and dislocation of the brain lies in the antiedematous effect of hyperoxy.

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