

EXTRACTS OF FAT VEGETABLE OILS AT THE INFLAMMATION

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Modern archaeological, paleopatologicheskyy, physiological and patobiokhimicheskyy researches confirm communication between decrease in a vegetable component in a food allowance of the person and increase of number of pathological changes in a human body. Despite a large number of preparations of a synthetic origin, means from plants to these on are actual at diseases of the person and animals [1,2,3,4,5,6,7,8,9,10,11].

Research objective. Studying is adaptive – reparativny activity of extract of fat oils on model of an aseptic inflammation.

Research methods. Research conducted on males and females (white rats), weight 250-280g. For carrying out experiment on reproduction of an aseptic inflammation used the guide to preclinical studying of new pharmacological substances (under the general edition of prof. R.U.Habriyev, 2005). Process of an eksudation judged on a difference in the weight of the fresh separated granuloma and after its drying up to the constant weight. Quality of proliferation judged on a difference between the weight of the dried-up capsule and initial weight of a dry ball. Sea-buckthorn, black caraway seeds extracts of fat vegetable oils, dogrose, linden, hibiscus, cedar, palm tree сабаль put 2 times a day to the place of inflammatory damage within 7 days. Statistical processing of the received results made on Student.

Results of research and their discussion. Extracts of fat vegetable oils possess authentically expressed anti-inflammatory effect (for 30 – 55%) during the subsharp and subchronic period, that is in a phase of a proliferative inflammation. As in a proliferative stage of an inflammation there is a formation lost, or the damaged cages as a result of alteration, it is possible to assume that sea-buckthorn, black caraway seeds extracts of fat vegetable oils, a dogrose, a linden, a hibiscus, a cedar, a palm tree сабаль will render therapeutic effect at an inflammation. In an initial stage of an inflammation the effect of extracts of fat oils significantly didn't differ from check experiments.

Conclusion. Sea-buckthorn, black caraway seeds extracts of fat vegetable oils, dogrose, linden, hibiscus, cedar, palm tree сабаль effectively reduce inflammation processes by stages of a proliferative inflammation.

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