

THE EFFECT OF OMEGA-3 POLYUNSATURATED FATTY ACIDS ON GLUTATION-DEPENDENT SYSTEM IN ERYTHROCYTES OF BLOOD AND LIVE CYTOSOLE IN EXPERIMENTAL PNEUMOSCLEROSIS

V. I. Korzhov, V. N. Zhadan, M. V. Korzhov

Summary

There was studied the influence of omega-3 polyunsaturated fatty acids on the activity of glutathioneperoxidase, glutathionreductase, glutathiontransferase and the content of both oxidated and reduced glutathion in erythrocytes of blood and live cytosole in experimental pneumosclerosis. The obtained data demonstrate certain changes in glutathion-dependent system in erythrocytes of blood and live cytosole in pneumosclerosis. The effect of omega-3 polyunsaturated fatty acids in pneumosclerosis is less pronounced than in acute or chronic bronchitis.