

EFFICACY OF OMEGA-3 POLYUNSATURATED FATTY ACIDS IN COMPLEX TREATMENT OF COR PULMONALE PATIENTS

S.I. Leshchenko

Summary

The preparation of omega-3 polyunsaturated fatty acids (Tekom) has been used in complex treatment of 72 patients with cor pulmonale. Tekom reduced respiratory failure and decreased the need in diuretics and peripheral vasodilators. The medication influenced both plasma and platelet hemostasis. We observed a reduction of hypercoagulation, an improved fibrinolytic activity in patients with suppressed fibrinolysis, decreased level of fibrinogen. The indices of flow-volume curve and a structure of total lung capacity have also improved. Tekom had positive effect on hemodynamics, reduced pulmonary artery pressure and improved gas exchange. The obtained data allow to recommend an administration of omega-3 polyunsaturated fatty acids in complex treatment of patients with cor pulmonale.