

PRACTICAL ASPECTS OF FENSPIRIDE ADMINISTRATION IN TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE EXACERBATION

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Summary

The fatty acids spectrum of erythrocyte phospholipid membranes was studied in 74 patients with non-severe chronic obstructive pulmonary disease exacerbations. Standard anti-inflammatory treatment was administered to 30 patients; 44 patients additionally received fenspiride 160 mg daily for 3 weeks.

It was proved that administration of fenspiride in most cases improved the effectiveness of the complex treatment. This happened due to normalization of fatty acid spectrum of erythrocyte membranes and positive immunomodulatory effect on T-helper link of cellular immunity mainly. A low content of arachidonic acid (less than 8%) in erythrocyte membranes was offered as a chromatographic indication for fenspiride use.