

PECULIARITIES OF INFLUENCE OF PENTOXYPHILLINE MEDICATIONS ON CARDIO-RESPIRATORY SYSTEM, BLOOD GAS COMPOSITION AND ACID-BASE BALANCE IN COPD PATIENTS

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Summary

On the basis of the comparative analysis of influence of pentoxophylline medications (Latren, Trental) on lung function indices and physical exercise capacity in 25 COPD patients we established their identical in terms of strength and direction influence on 6 minute walking test results. Presence of ringer-lactate in Latren formulation accounted for the alkaline shift of blood Ph, direct influence of blood cells aggregation process, improvement of blood rheological properties, tissue perfusion and oxygenation. Administration of Latren was accompanied by considerably lower frequency of side effects, such as headache, in comparison with Trental.