

THE INFLUENCE OF RHEOSORBILACT ON GAS COMPOSITION AND ACID-BASE BALANCE OF BLOOD IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS

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Summary

Current authors studied the influence of rheosorbilact (infusion solution of sorbitole and sodium lactate) on gas composition and acid-base balance of blood in 13 patients with idiopathic pulmonary fibrosis. In 2 hours after infusion of 200 ml of rheosorbilact there was registered significant decrease of hypocapnia and normalization of acid-base balance of blood. The positive influence of medication on acid-base balance and gas composition of blood was also noted on the 4th day of study (in 1 day after 3-days infusion trial). But the change of the indices was more expressed right after the infusion. Following the infusion of rheosorbilact the decrease of hypoxemia was observed, which was, probably, associated with rheological effect of the medication and improvement of microcirculation and gas exchange in lungs. The results of the study allow to recommend rheosorbilact in patients with idiopathic pulmonary fibrosis for correction of gas composition and acid-base balance of blood.