

# POSSIBILITY OF CORRECTION OF DIFFUSION LUNG CAPACITY IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE

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## *Summary*

There was studied the influence off single administration of inhaled salbutamol (400 mcg, MDI) on diffusion lung capacity in 30 patients with chronic obstructive pulmonary disease (COPD) in phase of remission. Along with improvement of pulmonary function parameters after administration of salbutamol there was a change in total lung capacity structure, which testified to reduction of lung hyperinflation and increase of effective alveolar ventilation volume. Thus, a positive influence of salbutamol on gas exchange in lung is caused by improvement of lung diffusion capacity due to reduced hyperinflation and decreasing grade of alveolar hypoxia.