THE BIOCHEMICAL COMPOSITION OF EXPIRATES IN CHRONIC BRONCHITIS PATIENTS WITH CONCOMITANT CORONARY ARTERY DISEASE

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Summary

In patients with chronic bronchitis and concomitant coronary artery disease the concentrations of cholesterol, phospholipids, ammonia, urea and uric acid in the respiratory secretions were decreased because of lower pulmonary clearance of these substances. The parameters of the biochemical composition of expirates correlated with the respiratory perspiration and depended on biophysical state of the expirate, patient's age, the grade of bronchial obstruction and pulmonary hypertension, the dimensions of the myocardium and the right and left ventricular cavities, the presence of the diastolic dysfunction of the left ventricle.