

# CLINICAL AND FUNCTIONAL CHARACTERISTICS OF RESPIRATORY SYSTEM OF THE PATIENTS, WHICH UNDERWENT PNEUMONECTOMY FOR TUBERCULOSIS AND CHRONIC NONSPECIFIC PULMONARY DISEASES IN THE LONG-TERM PERIOD AFTER OPERATION

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## *Summary*

By studying clinical state and the results of examination of respiratory system of 65 patients, which underwent pneumonectomy for tuberculosis and chronic nonspecific pulmonary diseases in the long-term period, we determined basic compensatory mechanisms of respiratory system. There were determined two mechanisms of respiratory system, operating with one lung. The first way — topographical-anatomic changes in thorax, i.e. mediastinal hernia, which reflects the process of hypertrophy and translocation of the lung. The second — activation of the mechanism of adaptation of functional reserves the single lung. These two compensatory mechanisms allow to maintain the respiratory homeostasis.