

NONSPECIFIC BRONCHIAL REACTIVITY IN PATIENTS WITH CHRONIC OBSTRUCTIVE BRONCHITIS WITH CONCOMITANT MILD ARTERIAL HYPERTENSION

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Summary

The basic indices of nonspecific bronchial reactivity were studied in 40 chronic obstructive bronchitis patients with normal levels of systemic arterial pressure and in 39 patients with concomitant mild arterial hypertension. It was revealed, that in patients with the same grade of severity of chronic obstructive bronchitis the presence of concomitant mild arterial hypertension led to pronounce decrease of neutrophils population, marked increase of cells in bronchial secretions, the desquamation of bronchial epithelium, the migration of alveolar macrophages to the bronchial-alveolar area, the suppression of function, viability and metabolic activity of epithelial cells and alveolar macrophages. In this case the slow positive dynamics of detected impairment was not only a consequence of progressive disease and deeper involvement of trachea-bronchial tree, but also reflected a new level of disease.