

# HYPOXIA-HYPERCAPNIA STIMULATION IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS, UNDERGOING REHABILITATION

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## *Summary*

Influence of hypoxia-hypercapnia stimulation in patients with chronic obstructive pulmonary disease (COPD), undergoing the rehabilitation has been studied. It has been established that use the combination of the above mentioned stimulation with basic medicinal and rehabilitation therapy in patients with COPD allowed to obtain expressed local and systemic anti-inflammatory effect; improve lung ventilation (pulmonary volumes and bronchial permeability) and cardiovascular system condition; increase patients' daily living activity; increase arterial blood oxygenation; improve the condition of immune system (T-link deficit removal and restoration of humoral component of immunity); partly activate initially reduced antioxidant defense without influence on the free-radical oxidation processes.