

FEATURES OF SYSTEM IMMUNITY STATE IN BRONCHIAL ASTHMA PATIENTS WITH DIFFERENT TYPES OF AIRWAYS COLONIZATION BY OPPORTUNISTIC MICROORGANISMS

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Summary. *The aim of this study was to investigate the state of system immunity of 125 patients with bronchial asthma (BA) with different types of airways colonization by opportunistic microbes: bacterial, fungal and mixed. Signs of immune deficiency were detected in most asthmatic patients with massive colonization of their respiratory tract by opportunistic microorganisms (especially Candida or mixed). Immunodeficiency was manifested in the decrease of immunocytes number and the inhibition of their functional activity. This leads to a weakening of control over the opportunistic microorganisms and chronization of local infection and determines the require as for preventive antibacterial and/or anti-fungal treatment as for use of immunomodulators, which should be given individual, taking into account the variant of patient's immunological disorders and the influence of those drugs that are received.*

Key words: *asthma, pathogen microorganisms, immunity system.*