

MODERN ASPECTS OF PATHOGENESIS AND TREATMENT OF CHRONIC RHINOSINUSITIS WITH NASAL POLYPOSIS (LITERATURE REVIEW WITH DESCRIPTION OF A CLINICAL CASE)

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Abstract. Our work presents a literature review devoted to modern concepts of inflammation in rhinosinusitis with nasal polyps and describes an appropriate clinical case. Additionally, the epidemiological characteristics, definitions of phenotypes and endotypes of chronic rhinosinusitis, a review of pathogenetic mechanisms of its development and treatment approaches are given. Chronic rhinosinusitis is a persistent inflammation of the lining of the nose and paranasal sinuses with at least two main symptoms: nasal congestion and/or nasal discharge with impaired sense of smell, facial pain, or feeling of pressure, lasting for at least 12 weeks. The main causes of the development of chronic rhinosinusitis are not sufficiently studied, but the determination of the type of inflammation allows for personalized treatment and better therapeutic outcomes.

Key words: chronic rhinosinusitis, phenotypes, endotypes of chronic rhinosinusitis, IgE, monoclonal antibodies.