

THE INTEGRA PROJECT IS AN INNOVATIVE APPROACH TO THE MANAGEMENT OF PATIENTS WITH RESPIRATORY ALLERGY. LITERATURE REVIEW

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Abstract. The introduction of molecular diagnostics into routine clinical practice has significantly improved the diagnosis and treatment of patients with allergies, particularly those with respiratory manifestations, allowing to accurately identify the primary source of IgE-mediated sensitization, and, therefore, to provide correct recommendations for measures of elimination therapy and allergen-specific immunotherapy. Interpretation of molecular test results can often be difficult. Therefore, a group of experts with extensive experience in interpreting the results of in vitro allergy testing reviewed the available scientific evidence and selected a series of representative case studies to demonstrate how to determine the level of allergen-specific and total IgE and the relationship between them (ratio analysis) can improve the diagnostic process and more accurately determine the patient's sensitization profile. Experts have developed a number of recommendations for the clinical application of ratio analysis to optimize and complement the classical approach to the diagnosis of allergic pathology.

Key words: allergic pathology, IgE, ratio between general and allergen-specific IgE, molecular diagnostics, recommendations for allergen-specific immunotherapy.
