

COMPARATIVE EFFICACY OF PARENTERAL AND ORAL ASIT PATIENTS WITH POLLINOSIS

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Summary. *The paper presents the results of a comparative analysis of the effect of parenteral and sublingual pre-seasonal allergen-specific immunotherapy (ASIT) on the dynamics of the main allergic inflammation cytokines (interleukins 4, 5, 10, 12, and interferon-gamma) in 75 patients with pollinosis at the age of 18 to 55 years old. It was determined that positive dynamics of production of all studied cytokines, except interleukin 10, had been observed at all the ways of ASIT delivery, indicating a steady tendency to switch the immune response from T-helper type 2 to T- helper type 1. It was shown that the most effective scheme of pollinosis exacerbations' prevention is subcutaneous ASIT by pollen allergens followed by immunomodulator «Galavit».*

Key words: *pollinosis, ASIT, cytokines, parenteral, oral, immunomodulators.*