

THE USE OF VACCINE IMMUNOTHERAPY IN TREATMENT ALLERGENIC DISEASE

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Summary. *The prevalence of atopic allergic disease increased substantially towards the beginning of the 21st century and is set to rise further. Specific Allergen Immunotherapy involves exposing a patient to a gradually escalating dose of a specific allergen with the intention of decreasing allergic and inflammatory responses, ultimately leading to a sustained decrease in allergic symptoms. Allergen immunotherapy is indicated for select patients with allergic rhino conjunctivitis, allergic asthma, and stinging insect hypersensitivity. The safety and efficacy of allergen immunotherapy with nonbacterial allergen have been confirmed by numerous well-designed studies. This review found very limited evidence to support the routine use of bacterial vaccine in immunotherapy people with allergenic disease including asthma. A randomized trial of vaccine efficacy in children and adults with allergic disease is needed.*

Key words: *specific immunotherapy, allergic disease, hypersensitivity.*