

ROLE OF ELIMINATION MEASURES IN THE TREATMENT OF PATIENTS WITH ALLERGIC DISEASES

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Abstract. *Introduction.* The importance of elimination measures as an essential component of an integrated approach to the treatment and prevention of allergic diseases is often underestimated by doctors and patients. The article describes the existing methods for eliminating of indoor allergens and evaluates their effectiveness. *Purpose of the study.* To analyze the literature on the problem of removing indoor allergens and evaluate the effectiveness of existing elimination measures. *Materials and methods.* Available sources of literature on the problem of elimination of indoor allergens are analyzed. *Discussion.* Not only the population, but also the allergists of Ukraine still do not pay due attention to the prevention and treatment of allergic diseases by elimination measures in patients' homes. At the same time, as shown by a number of

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studies, an integrated approach, including the use of anti-dust mite home textiles, insecticides and special dust collecting systems, can reduce the possibility of respiratory allergic diseases and reduce the frequency of their exacerbations. Despite this, unfortunately, the analysis of the literature data still indicates that the vast majority of traditional elimination measures are characterized by the absence of strong evidence of their effect on the level of indoor allergens, or evidence is weak. Among the presented samples of dust collecting household appliances that are actually capable of significantly reducing the population of house dust mites, cockroaches, other insects, domestic animals, as well as their metabolic products, spores of microfungi and other agents of chemical and biological origin, the HYLА ecosystem should be highlighted. This ecosystem has the evidence base and is capable of solving the problem of eliminating of indoor allergens today. *Conclusions.* Physicians who treat patients with bronchial asthma, allergic rhinitis, atopic dermatitis should more strongly recommend their patients to conduct elimination measures aimed at removing of indoor allergens from the environment.

Key words: respiratory allergic diseases, indoor allergens, elimination measures, effectiveness, ecosystem for elimination of allergens.

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