

SYNTROPIA OF ALLERGIC DISEASES

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ABSTRACT

The review article presents studies of foreign and domestic scientists devoted to the syntropy of allergic diseases - the formation of an "atopic march". The authors analyzed the possibilities of predicting the development of allergic diseases and the need for further research to understand the processes of their progression.

KEYWORDS: *Atopicmarch, Allergy, Syntropy*

REFERENCES

1. Johansson SGO, Hourinehane JOB, Bousquet et al. A revised nomenclature for allergy. An EAACI position statement from the EAACI nomenclature task force. *Allergy*, 2016; 56:813-824
 2. Dharmage SC, Lowe AJ, Matheson MC, Burgess JA, Allen KJ, Abramson MJ. Atopic dermatitis and the atopic march revisited. *Allergy*. 2014;69(1):17-27.
 3. Spergel JM, Paller AS. Atopic dermatitis and the atopic march. *J. Allergy Clin. Immunol.* 2003;112(6):118-127.
 4. Almqvist C, Li Q, Britton WJ, Kemp AS, Xuan W, Tovey ER, Marks GB. Early predictors for developing allergic disease and asthma: examining separate steps in the 'allergic march'. *Clin. Exp. Allergy*. 2007;37(9):1296-1302.
 5. Punekar YS, Sheikh A. Establishing the sequential progression of multiple allergic diagnoses in a UK birth cohort using the General Practice Research Database. *Clin. Exp. Allergy*. 2009; 39(12):1889-1895.
 6. Ivanova NA. Comorbidity of allergic rhinitis and bronchial asthma in children. *Honey. advice*. 2014;6:54-58.
 7. Chernyak BA, Ivanov AF. Risk factors for exacerbations of bronchial asthma. *Asthma and Allergy*, 2017;(4):3-6
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8. Braunstahl GJ, Kleinjan A, Overbeek SE, Prins JB, Hoogsteden HC, Fokkens WJ. Segmental bronchial provocation induces nasal inflammation in allergic rhinitis patients. *Am J Respir Crit Care Med.* 2000 Jun;161(6):2051-7.
9. Braunstahl GJ, Overbeek SE, Kleinjan A, Prins JB, Hoogsteden HC, Fokkens WJ. Nasal allergen provocation induces adhesion molecule expression and tissue eosinophilia in upper and lower airways. *J Allergy Clin Immunol*, 2019;107:469-476.
10. Zheng T, Yu J, Oh MH, Zhu Z. The Atopic March: Progression from Atopic Dermatitis to Allergic Rhinitis and Asthma. *Allergy Asthma Immunol Res.* 2011;3(2):67-73.
11. Aw M, Penn J, Gauvreau GM, et al. Atopic March: Collegium Internationale Allergologicum Update 2020. *Int Arch Allergy Immunol.* 2020;181(1):1-10.
12. Ganiyeva ShSh, Jurayeva FR, Hamdamova GR. (2021). Diagnostic Role of Immunological And Biochemical Parameters in The Gastrointestinal Food Allergy In Children. *Art of Medicine International Medical Scientific Journal*, 2021;1(2):73-81.
13. Asher MI, Montefort S, Bjorksten B, et al. Worldwide time trends in the prevalence of symptoms of asthma, allergic rhinoconjunctivitis, and eczema in childhood: ISAAC Phases One and Three repeat multicountry cross-sectional surveys. *Lancet.* 2006;368(8537):733-743.
14. Peters RL, Koplin JJ, Gurrin LC, et al. The prevalence of food allergy and other allergic diseases in early childhood in a population based study: Health Nuts age 4-year follow-up. *J Allergy Clin Immunol.* 2017;140(1):145-153.
15. Kruglova LS, Gensler EM. Atopic dermatitis: new horizons of therapy. *Medical Alphabet. Dermatology.* 2019;1(7):29-32.
16. Sharova NM. Atopic march of treatment options for atopic dermatitis in young children. *Medical Council*, 2017;(19):205-207.
17. Leynaert B, Neukirch C, Kony S, Guenegou A, Bousquet J, Aubier M, Neukirch F. Association between asthma and rhinitis according to atopic sensitization in a population-based study. *J Allergy Clin Immunol*, 2014;113:86-93.
18. Rochat MK, Illi S, Ege MJ, Lau S, Keil T, Wahn U, Mutius EV. Germany Allergic rhinitis as a predictor for wheezing onset in school-aged children. *J Allergy Clin Immunol*, 2020;117:0-1175
19. Bousquet J, Khaltaev N, Cruz AA et al. Allergic Rhinitis and its Impact on Asthma (ARIA) 2018 update. *Allergy.* 2018;63(86):8-160.
20. Shaaban R, Zureik M, Soussan D et al. Rhinitis and onset of asthma: longitudinal population based study. *Lancet.* 2018;372:1049-1057.
21. Nenasheva NM. Bronchial asthma and concomitant diseases: focus on allergic rhinitis. *Lecheb. Case.* 2014;(1):18-26.
22. Navruzova ShI, Khamrayeva DR. Regional Features of the Distribution of Chronic Constipation in Children. *Eurasian Bulletin of Pediatrics.* 2021;2(9):76-82.

23. Geppé NA, Kolosova NG. The value of modern guidelines in improving the monitoring and treatment of bronchial asthma in children (review). *Bulletin of the Smolensk State Medical Academy*, 2017;16(3):165-168.
24. Braunstahl GJ, Overbeek SE, Fokkens WJ, Kleinjan A, McEuen AR, Walls AF, et al. Segmental bronchoprovocation in allergic rhinitis patients affects mast cell and basophil numbers in nasal and bronchial mucosa. *Am J Respir Crit Care Med* 2001;164:858-65.
25. Bousquet J, Annesi-Maesano I, Carat F, Léger D, Rugina M, Pribil C, El Hasnaoui A, Chanal I. Characteristics of intermittent and persistent allergic rhinitis: DREAMS study group. *Clin Exp Allergy*. 2005 Jun;35(6):728-32.
26. Clatworthy J, Price D, Ryan D, Haughney J, Horne R. The value of self-report assessment of adherence, rhinitis and smoking in relation to asthma control. *Prim Care Respir J*. 2009 Dec;18(4):300-5.
27. Bousquet J, Van Cauwenberge P, Khaltaev N; Aria Workshop Group; World Health Organization. Allergic rhinitis and its impact on asthma. *J Allergy Clin Immunol*. 2001 Nov;108(5 Suppl):S147-334.
28. Ganieva ShSh, Radzhabova GB. Clinical and Laboratory Evaluation of the Health of Patients with Chronic Obstructive Pulmonary Disease Who Had Coronavirus Infection. *CAJMNS* [Internet]. 2021 Oct. 18 [cited 2021Oct.28]; 76-0. Available from: <http://cajmns.centralasianstudies.org/index.php/CAJMNS/article/view/353>
29. Chernyak BA, Vorozhaeva II. Comorbid diseases in allergic rhinitis. *Asthma and allergies*. 2017;(1):3–7.
30. Kurbacheva OM, Polner SA, Smirnov DS. allergic rhinitis. An eternal problem and its modern solution. *Medical Council*, 2015;(3):84-91.
31. Ganiyeva ShSh, Rustamov BB, Panoyev XSh. Regional features of the frequency and clinic of respiratory allergy. *New Day in Medicine*. 2021;3(35):194-197.
32. Irvine AD, Mina-Osorio P. Disease trajectories in childhood atopic dermatitis: an update and practitioner’s guide. *Br J Dermatol*. 2019;181(5):895–906.
33. Loh W, Tang M. The Epidemiology of Food Allergy in the Global Context. *Int J Environ Res Public Health*. 2018;15(9):2043.
34. Giyasovna YG, Ramazanovna BN, Samiyevich BS. Statistical Analysis of The Structure of The Birth Rate of Underweight Children in The Bukhara Region. *Art of Medicine International Medical Scientific Journal*, 2021;1(2):73–81.