

# Referenties NAD flyer EAACI position paper

DOI:10.1111/all.15242

1. Hamlin MJ, Hopkins WG, Hollings SC. Effects of Altitude on Performance of Elite Track-and-Field Athletes. *International journal of Sports Physiology and Performance* 2015;10:881.
2. Staub K, Haeusler M, Bender N, et al. Hemoglobin concentration of young men at residential altitudes between 200 and 2000 m mirrors Switzerland's topography. *Blood* 2020;135:1066-9.
3. Karagiannidis C, Hense G, Rueckert B, et al. High-altitude climate therapy reduces local airway inflammation and modulates lymphocyte activation. *Scand J Immunol* 2006;63.
4. Boonpiyathad T, Capova G, Duchna HW, et al. Impact of high-altitude therapy on type-2 immune responses in asthma patients. *Allergy* 2020;75:84-94.
5. Maio DA, Farhi LE. Effect of gas density on mechanics of breathing. *J Appl Physiol* 1967;23:687-93.
6. Thomas PS, Harding RM, Milledge JS. Peak expiratory flow at altitude. *Thorax* 1990;45:620-2.
7. Fieten KB, Rijssenbeek-Nouwens LH, Hashimoto S, Bel EH, Weersink EJ. Less exacerbations and sustained asthma control 12 months after high altitude climate treatment for severe asthma. *Allergy* 2019;74:628-30.
8. de Nijs SB, Krop EJM, Portengen L, et al. Effectiveness of pulmonary rehabilitation at high-altitude compared to sea-level in adults with severe refractory asthma. *Respiratory medicine* 2020;171:106123.
9. Pfeffer PE, Hawrylowicz CM. Vitamin D in Asthma: Mechanisms of Action and Considerations for Clinical Trials. *Chest* 2018;153:1229-39.
10. Tovey E, Ferro A. Time for new methods for avoidance of house dust mite and other allergens. *Curr Allergy Asthma Rep* 2012;12:465-77.
11. Gautier C, Charpin D. Environmental triggers and avoidance in the management of asthma. *J Asthma Allergy* 2017;10:47-56.
12. Guarnieri M, Balmes JR. Outdoor air pollution and asthma. *Lancet* 2014;383:1581-92.
13. Chen E, Miller GE. Stress and inflammation in exacerbations of asthma. *Brain, behavior, and immunity* 2007;21:993-9.
14. Van der Schoot TA, de Weerd I, Kaptein AA, Dekker FW, Deenen TA, Speelberg B. [Favorable effects of a stay in the Dutch Asthma Center Davos on medical consumption and quality of life in COPD patients]. *Nederlands tijdschrift voor geneeskunde* 1993;137:197-201.

15. Rijssenbeek-Nouwens LH, Fieten KB, Bron AO, Hashimoto S, Bel EH, Weersink EJ. High-altitude treatment in atopic and nonatopic patients with severe asthma. *EurRespirJ* 2012;40:1374-80.
16. Müller A, Balatoni I, Csernoch L, et al. [Quality of life of asthmatic patients after complex rehabilitation treatment]. *Orvosi hetilap* 2018;159:1103-12.
17. Saxer S, Schneider SR, Appenzeller P, et al. Asthma rehabilitation at high vs. low altitude: randomized parallel-group trial. *BMC pulmonary medicine* 2019;19:134.
18. Basler L, Saxer S, Schneider SR, et al. Asthma rehabilitation at high vs. low altitude and its impact on exhaled nitric oxide and sensitization patterns: Randomized parallel-group trial. *Respiratory medicine* 2020;170:106040.
19. Boner AL, Peroni DG, Piacentini GL, Venge P. Influence of allergen avoidance at high altitude on serum markers of eosinophil activation in children with allergic asthma. *Clin Exp Allergy* 1993;23:1021-6.
20. Piacentini GL, Martinati L, Mingoni S, Boner AL. Influence of allergen avoidance on the eosinophil phase of airway inflammation in children with allergic asthma. *J Allergy Clin Immunol* 1996;97.
21. Grootendorst DC, Dahlen SE, Van Den Bos JW, et al. Benefits of high altitude allergen avoidance in atopic adolescents with moderate to severe asthma, over and above treatment with high dose inhaled steroids. *Clin Exp Allergy* 2001;31:400-8.
22. Peroni DG, Piacentini GL, Vicentini L, Costella S, Pietrobelli A, Boner AL. Effective allergen avoidance reduces residual volume and sputum eosinophils in children with asthma. *J Allergy Clin Immunol* 2001;108.
23. Bodini A, Peroni D, Vicentini L, et al. Exhaled breath condensate eicosanoids and sputum eosinophils in asthmatic children: a pilot study. *Pediatr Allergy Immunol* 2004;15:26-31.
24. Kulkarni N, Kantar A, Costella S, et al. Macrophage Phagocytosis and Allergen Avoidance in Children With Asthma. *Frontiers in pediatrics* 2018;6:206.
25. Speelberg B, Folgering HT, Sterk PJ, van Herwaarden CL. [Lung function of adult patients with bronchial asthma or chronic obstructive lung disease prior to and following a 3-month-stay in the Dutch Asthma Center in Davos]. *Nederlands tijdschrift voor geneeskunde* 1992;136:469-73.
26. Dubilel' VV, Shogentsukova EA. [Experience in treating bronchial asthma under the conditions of the Mount El'brus area]. *Vopr Kurortol Fizioter Lech Fiz Kult* 1973;38:136-40.
27. Kolesár J, Eisner J, Michalicka D, Slávka V. [Influence of different altitudes on respiratory changes in patients with bronchial asthma]. *Fysiatricky a reumatologicky vestnik* 1977;55:268-74.
28. Bobokhozhdav OI, Shirinskii VS. [The efficacy of treating bronchial asthma patients at Khodzhaobigarm health resort]. *Vopr Kurortol Fizioter Lech Fiz Kult* 1990:21-6.
29. Brimkulov et al [The alpine climatotherapy of bronchial asthma patients]. *Terapevticheskii arkhiv* 1991;63:25-30
30. Bijl D, Speelberg B, Folgering HT. Pulmonary rehabilitation at moderate altitude: a 1-year follow-up. *The Netherlands journal of medicine* 1994;45:154-61.