AMERICAN MEDICAL ASSOCIATION HOUSE OF DELEGATES

Resolution: 912

(1-23)

Introduced by: Medical Student Section

Subject: Fragrance Regulation

Referred to: Reference Committee K

Whereas, fragrances include many contact allergens, irritants, cross-reactors, or other substance or natural extract often found in personal care products, cosmetics, household products, drugs, and wound care products¹⁻¹¹; and

Whereas, individuals with fragrance sensitivity experience adverse effects after exposure, especially patients with allergies, asthma, eczema, lung disease, and migraine^{1,2-26}; and

Whereas, due to wide use, fragrances are the most common cause of contact allergy and lead to debilitating systemic dermatologic, neurologic, and immunologic side effects¹²⁻¹⁶; and

Whereas, large surveys show that over 30% of individuals may experience fragrance sensitivity, 50% prefer that healthcare facilities be fragrance-free, and 7% lose workdays due to workplace fragrance exposure^{1,11-14}; and

Whereas, fragranced products can lower both indoor and outdoor air quality by releasing hazardous air pollutants that contribute to diseases and illness^{1,5,8,14,22}; and

Whereas, the severity of fragrance sensitivity often meets Americans with Disabilities Act (ADA) criteria for a disability ("physical or mental impairment that substantially limits one or more major life activities") and may be considered an "invisible disability" ("impairment…not always obvious to the onlooker")³⁰⁻³²; and

Whereas, Core v. Champaign County Board of County Commissioners (2012) and McBride v. the City of Detroit (2009) found that severe fragrance sensitivity can be an invisible disability, leading Detroit to add a fragrance-free policy to their employee ADA handbook³³⁻³⁴; and

Whereas, fragrance-free policies are recommended by the Centers for Disease Control and Prevention, the American Lung Association, and the US Department of Labor Office of Disability Employment Policy and are in place in multiple healthcare facilities, workplaces, schools, and other organizations across the US³⁵⁻³⁹; and

Whereas, the US Food and Drug Administration and US Consumer Product Safety Commission do not currently regulate fragrances^{2,40-45}; and

Whereas, the European Union has already banned nearly 1,400 chemicals from cosmetics and required premarket safety assessments, mandatory registration, and government authorization for the use of certain materials, compared to only 30 chemicals in the US⁴⁶⁻⁴⁸; therefore be it

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RESOLVED, that our American Medical Association recognize fragrance sensitivity as a disability where the presence of fragranced products can limit accessibility of healthcare settings (New HOD Policy); and be it further

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RESOLVED, that our AMA encourage all hospitals, outpatient clinics, urgent cares, and other patient care areas inclusive of medical schools to adopt a fragrance-free policy that pertains to employees, patients, and visitors of any kind (New HOD Policy); and be it further

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RESOLVED, that our AMA work with relevant parties to advocate for governmental regulatory bodies, including but not limited to the Occupational Safety and Health Administration (OSHA), the Centers for Disease Control and Prevention (CDC), and the National Institute for Occupational Safety and Health (NIOSH) to recommend fragrance-free policies in all medical offices, buildings, and places of patient care (Directive to Take Action); and be it further

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RESOLVED, that our AMA work with relevant parties to support the appropriate labeling of fragrance-containing personal care products, cosmetics, and drugs with warnings about possible allergic reactions or adverse events due to the fragrance, and advocates for increased categorization in the use of a "fragrance free" designation (Directive to Take Action); and be it further

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RESOLVED, that our AMA supports increased identification of hazardous chemicals in fragrance compounds, as well as research focused on fragrance sensitivity in order to remove these allergens from products applied to one's body. (New HOD Policy)

Fiscal Note: Moderate - between \$5,000 - \$10,000

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REFERENCES

- Steinemann A. International prevalence of fragrance sensitivity. Air Qual Atmosphere Health. 2019;12(8):891-897. doi:10.1007/s11869-019-00699-4
- 2. Pastor-Nieto MA, Gatica-Ortega ME. Ubiquity, Hazardous Effects, and Risk Assessment of Fragrances in Consumer Products. Curr Treat Options Allergy. 2021;8(1):21-41. doi:10.1007/s40521-020-00275-7
- 3. Shawa H, Wu PA, Dahle S, Isseroff RR, Sood A. Potential Allergens in Wound Care Products. Dermat Contact Atopic Occup Drug. 2023;34(1):51-55. doi:10.1089/DERM.000000000000946
- 4. Ravichandran J, Karthikeyan BS, Jost J, Samal A. An atlas of fragrance chemicals in children's products. Sci Total Environ. 2022;818:151682. doi:10.1016/j.scitotenv.2021.151682
- 5. Rádis-Baptista G. Do Synthetic Fragrances in Personal Care and Household Products Impact Indoor Air Quality and Pose Health Risks? J Xenobiotics. 2023;13(1):121-131. doi:10.3390/jox13010010
- 6. Wieck S, Olsson O, Kümmerer K, Klaschka U. Fragrance allergens in household detergents. Regul Toxicol Pharmacol RTP. 2018;97:163-169. doi:10.1016/j.yrtph.2018.06.015
- 7. Couteau C, Morin T, Diarra H, Coiffard L. Influence of Cosmetic Type and Distribution Channel on the Presence of Regulated Fragrance Allergens: Study of 2044 Commercial Products. Clin Rev Allergy Immunol. 2020;59(1):101-108. doi:10.1007/s12016-020-08790-w
- 8. Steinemann A, Nematollahi N, Rismanchi B, Goodman N, Kolev SD. Pandemic products and volatile chemical emissions. Air Qual Atmosphere Health. 2021;14(1):47-53. doi:10.1007/s11869-020-00912-9
- 9. Kumar M, Devi A, Sharma M, Kaur P, Mandal UK. Review on perfume and present status of its associated allergens. J Cosmet Dermatol. 2021;20(2):391-399. doi:10.1111/jocd.13507
- 10. Panico A, Serio F, Bagordo F, et al. Skin safety and health prevention: an overview of chemicals in cosmetic products. J Prev Med Hyg. 2019;60(1):E50-E57. doi:10.15167/2421-4248/jpmh2019.60.1.1080
- 11. Uter W, Werfel T, Lepoittevin JP, White IR. Contact Allergy-Emerging Allergens and Public Health Impact. Int J Environ Res Public Health. 2020;17(7):2404. doi:10.3390/ijerph17072404
- 12. Silvestre JF, Mercader P, González-Pérez R, et al. Sensitization to fragrances in Spain: A 5-year multicentre study (2011-2015). Contact Dermatitis. 2019;80(2):94-100. doi:10.1111/cod.13152
- 13. Pastor-Nieto MA, Gatica-Ortega ME. Ubiquity, hazardous effects, and risk assessment of fragrances in consumer products. Curr Treat Options Allergy. 2021;8(1):21-41. doi: 10.1007/s40521-020-00275-7 [doi].
- 14. Nematollahi N, Doronila A, Mornane PJ, Duan A, Kolev SD, Steinemann A. Volatile chemical emissions from fragranced baby products. Air Qual Atmos Health. 2018;11(7):785-790. doi: 10.1007/s11869-018-0593-1 [doi].

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- 15. Tam I, Yu J. Allergic contact dermatitis in children: Recommendations for patch testing. Current Allergy and Asthma Reports. 2020;20(9):41. https://doi.org/10.1007/s11882-020-00939-z. doi: 10.1007/s11882-020-00939-z.
- 16. Warshaw EM, Schlarbaum JP, Silverberg JI, et al. Contact dermatitis to personal care products is increasing (but different!) in males and females: North american contact dermatitis group data, 1996-2016. Journal of the American Academy of Dermatology. 2021;85(6):1446-1455. https://www.sciencedirect.com/science/article/pii/S0190962220327547. doi: https://doi.org/10.1016/j.jaad.2020.10.003.
- 17. de Groot AC. Fragrances: Contact allergy and other adverse effects. Dermatitis®. 2020;31(1). https://journals.lww.com/dermatitis/Fulltext/2020/01000/Fragrances Contact Allergy and Other Adverse.3.aspx.
- 18. Johansen JD, Werfel T. Highlights in allergic contact dermatitis 2018/2019. Current Opinion in Allergy and Clinical Immunology. 2019;19(4). https://journals.lww.com/co-allergy/Fulltext/2019/08000/Highlights in allergic contact dermatitis.11.aspx.
- Zhou J, Tierney NK, McCarthy TJ, Black KG, Hernandez M, Weisel CP. Estimating infants' and toddlers' inhalation exposure to fragrance ingredients in baby personal care products. Int J Occup Environ Health. 2017;23(4):291-298. doi: 10.1080/10773525.2018.1475446
- Herz RS, Larsson M, Trujillo R, et al. A three-factor benefits framework for understanding consumer preference for scented household products: psychological interactions and implications for future development. Cogn Res Princ Implic. 2022;7(1):28. doi:10.1186/s41235-022-00378-6
- 21. Nassau S, Fonacier L. Allergic Contact Dermatitis. Med Clin North Am. 2020;104(1):61-76. doi:10.1016/j.mcna.2019.08.012
- 22. Nematollahi N, Kolev SD, Steinemann A. Volatile chemical emissions from 134 common consumer products. Air Qual Atmosphere Health. 2019;12(11):1259-1265. doi:10.1007/s11869-019-00754-0
- 23. Steinemann A, Nematollahi N. Migraine headaches and fragranced consumer products: an international population-based study. Air Qual Atmosphere Health. 2020;13(4):387-390. doi:10.1007/s11869-020-00807-9
- Steinemann A. Ten questions concerning fragrance-free policies and indoor environments. Build Environ. 2019;159:106054. doi:10.1016/j.buildenv.2019.03.052
- 25. Warshaw EM, Schlarbaum JP, Silverberg JI, et al. Contact dermatitis to personal care products is increasing (but different!) in males and females: North American Contact Dermatitis Group data, 1996-2016. J Am Acad Dermatol. 2021;85(6):1446-1455. doi:10.1016/j.jaad.2020.10.003
- Johansen JD, Werfel T. Highlights in allergic contact dermatitis 2018/2019. Curr Opin Allergy Clin Immunol. 2019;19(4):334. doi:10.1097/ACI.0000000000000552
- 27. Maung TZ, Bishop JE, Holt E, Turner AM, Pfrang C. Indoor Air Pollution and the Health of Vulnerable Groups: A Systematic Review Focused on Particulate Matter (PM), Volatile Organic Compounds (VOCs) and Their Effects on Children and People with Pre-Existing Lung Disease. Int J Environ Res Public Health. 2022;19(14):8752. doi:10.3390/ijerph19148752
- 28. Vardoulakis S, Giagloglou E, Steinle S, et al. Indoor Exposure to Selected Air Pollutants in the Home Environment: A Systematic Review. Int J Environ Res Public Health. 2020;17(23):8972. doi:10.3390/ijerph17238972
- 29. Nematollahi N, Doronila A, Mornane PJ, Duan A, Kolev SD, Steinemann A. Volatile chemical emissions from fragranced baby products. Air Qual Atmosphere Health. 2018;11(7):785-790. doi:10.1007/s11869-018-0593-1
- 30. Rossi S, Pitidis A. Multiple Chemical Sensitivity: Review of the State of the Art in Epidemiology, Diagnosis, and Future Perspectives. J Occup Environ Med. 2018;60(2):138-146. doi:10.1097/JOM.000000000001215
- 31. Steinemann, A., Health and societal effects from exposure to fragranced consumer products. Preventive medicine reports, 2016. 5: p. 45-47.
- 32. Why go fragrance free? Invisible Disabilities® Association. (2021, January 11). Retrieved March 16, 2022, from https://invisibledisabilities.org/publications/chemicalsensitivities/whygofragrancefree
- 33. Town Hall meeting transcript for Chicago. U.S. Equal Employment Opportunity Commission. (n.d.). Retrieved March 17, 2022, from https://www.eeoc.gov/town-hall-meeting-transcript-chicago
- 34. "Core v. Champaign County Board of County Commissioners, No. 3:2011CV00166 Document 51 (S.D. Ohio 2012)." Justia Law, https://law.justia.com/cases/federal/district-courts/ohio/ohsdce/3:2011cv00166/146509/51/.
- Accommodation and Compliance: Fragrance Sensitivity. Job Accommodation Network. https://askjan.org/disabilities/Fragrance-Sensitivity.cfm. Accessed March 17, 2022.
- 36. Centers For Disease Control and Prevention, Department of Health and Human Services. (2009, June 22). CDC1 indoor environmental quality policy. Retrieved March 17, 2022, from https://irp-cdn.multiscreensite.com/c4e267ab/files/uploaded/DskIT9BfRF6ZwAsibvxq_CDC_Indoor%20Environmental%20Quality%20Polic y_2009.pdf
- 37. "Indoor Environmental Quality: Chemicals and Odors." Centers for Disease Control and Prevention, Centers for Disease Control and Prevention, 25 Feb. 2022. https://www.cdc.gov/niosh/topics/indoorenv/chemicalsodors.html.
- 38. "Department of Labor Logo United States department of Labor." Indoor Air Quality Overview | Occupational Safety and Health Administration, https://www.osha.gov/indoor-air-quality.
- 39. Consumer Products Smog.California Air Resources Board.(n.d.).Retrieved March 20, 2022, from https://ww2.arb.ca.gov/our-work/programs/consumer-products-program/consumer-products-smog
- 40. FDA regulation of cosmetics and personal care products. Congressional Research Service. 2022:1-33.
- 41. Nutrition, Center for Food Safety and Applied. Is it a cosmetic, a drug, or both? (or is it soap?). FDA. 2022. https://www.fda.gov/cosmetics/cosmetics-laws-regulations/it-cosmetic-drug-or-both-or-it-soap. Accessed Aug 31, 2022.
- 42. Affairs OoR. Are all "personal care products" regulated as cosmetics? FDA. 2022. https://www.fda.gov/industry/fda-basics-industry/are-all-personal-care-products-regulated-cosmetics. Accessed Aug 31, 2022.
- Nutrition, Center for Food Safety and Applied. Cosmetics guidance & regulation. FDA Web site. https://www.fda.gov/cosmetics/cosmetics-guidance-regulation. Updated 2022. Accessed Aug 31, 2022.
- 44. Nutrition, Center for Food Safety and Applied. FDA authority over cosmetics: How cosmetics are not FDA-approved, but are FDA-regulated. FDA Web site. https://www.fda.gov/cosmetics/cosmetics-laws-regulations/fda-authority-over-cosmetics-how-cosmetics-are-not-fda-approved-are-fda-regulated. Updated 2013. Accessed Aug 31, 2022.

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- 45. Boozalis E, Patel S. Clinical utility of marketing terms used for over-the-counter dermatologic products. J Dermatol Treat. 2018;29(8):841-845. https://doi.org/10.1080/09546634.2018.1467540. doi: 10.1080/09546634.2018.1467540.
- 46. EUR-Lex 32009R1223 EN EUR-Lex. Accessed September 16, 2023. https://eur-lex.europa.eu/eli/reg/2009/1223/oj
- 47. Klaschka, U., Between attraction and avoidance: from perfume application to fragrance-free policies. Environmental Sciences Europe, 2020. 32(1): p. 98.
- 48. Scientific Committee on Consumer Safety (SCCS). Accessed September 16, 2023. https://health.ec.europa.eu/scientific-committee-consumer-safety-sccs en

RELEVANT AMA POLICY

H-440.855 National Cosmetics Registry and Regulation

- 1. Our AMA: (a) supports the creation of a publicly available registry of all cosmetics and their ingredients in a manner which does not substantially affect the manufacturers' proprietary interests and (b) supports providing the Food and Drug Administration with sufficient authority to recall cosmetic products that it deems to be harmful.
- 2. Our AMA will monitor the progress of HR 759 (Food and Drug Administration Globalization Act of 2009) and respond as appropriate. [BOT Action in response to referred for decision Res. 907, I-09; Reaffirmed in lieu of: Res. 502, A-17]