

Early Life Feeding Choices and the Allergic March

Bibliography

- Alvarez A, Gupta M, Poowuttikul P, Baptist AP. Are primary care physicians following National Institute of Allergy and Infectious Disease guidelines for the prevention of peanut allergy? A survey-based study. *Allergy Asthma Proc.* 2020;41(3):167-171. doi:10.2500/aap.2020.41.200019
- Anagnostou A. Addressing common misconceptions in food allergy: a review. *Children (Basel)*. 2021;8(6):497. doi:10.3390/children8060497
- Asthma and Allergy Foundation of America (AAFA). Formula options for kids with food allergies. September 2020. <https://kidswithfoodallergies.org/recipes-diet/nutrition-and-health/formula-options-for-kids-with-food-allergies/>
- Asthma and Allergy Foundation of America (AAFA). My life with food allergy parent survey report. 2019. <https://www.aafa.org/wp-content/uploads/2022/08/aafa-my-life-with-food-allergy-parent-survey-report.pdf>
- Australasian Society of Clinical Immunology and Allergy (ASCIA). Guide for milk substitutes in cow's milk allergy. 2023. <https://www.allergy.org.au/hp/papers/guide-for-milk-substitutes-cows-milk-allergy>
- Berni Canani R, Di Costanzo M, Bedogni G, et al. Extensively hydrolyzed casein formula containing Lactobacillus rhamnosus GG reduces the occurrence of other allergic manifestations in children with cow's milk allergy: 3-year randomized controlled trial. *J Allergy Clin Immunol.* 2017;139(6):1906-1913.e4. doi:10.1016/j.jaci.2016.10.050
- Berni Canani R, Paparo L, Nocerino R, et al. Gut microbiome as target for innovative strategies against food allergy. *Front Immunol.* 2019;10:191. Published 2019 Feb 15. doi:10.3389/fimmu.2019.00191
- Bilaver L, Thivalapill N, Jiang J, et al. The economic burden of childhood food allergies on households in the FORWARD study. *J Allergy Clin Immunol.* 2023;151(2):AB186. doi:10.1016/j.jaci.2022.12.583
- Brozek JL, Firmino RT, Bognanni A, et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guideline update - XIV - recommendations on CMA immunotherapy. *World Allergy Organ J.* 2022;15(4):100646. doi:10.1016/j.waojou.2022.100646
- Carucci L, Nocerino R, Paparo L, Di Scala C, Berni Canani R. Dietary prevention of atopic march in pediatric subjects with cow's milk allergy. *Front Pediatr.* 2020;8:440. doi:10.3389/fped.2020.00440
- Christensen MO, Barakji YA, Loft N, et al. Prevalence of and association between atopic dermatitis and food sensitivity, food allergy and challenge-proven food allergy: a systematic review and meta-analysis. *J Eur Acad Dermatol Venereol.* 2023;37(5):984-1003. doi:10.1111/jdv.18919
- Chua GT, Chan ES, Yeung J, et al. Patient selection for milk and egg ladders using a food ladder safety checklist. *Allergy Asthma Clin Immunol.* 2022;18(1):51. doi:10.1186/s13223-022-00696-w
- de Silva D, Rodríguez Del Río P, de Jong NW, et al. Allergen immunotherapy and/or biologicals for IgE-mediated food allergy: a systematic review and meta-analysis. *Allergy*. 2022;77(6):1852-1862. doi:10.1111/all.15211
- Du Toit G, Roberts G, Sayre PH, et al. Randomized trial of peanut consumption in infants at risk for peanut allergy. *N Engl J Med.* 2015;372(9):803-813. doi:10.1056/NEJMoa1414850
- Eshraghi RS, Deth RC, Mittal R, et al. Early disruption of the microbiome leading to decreased antioxidant capacity and epigenetic changes: implications for the rise in autism. *Front Cell Neurosci.* 2018;12:256. doi:10.3389/fncel.2018.00256
- Farré R, Fiorani M, Abdu Rahiman S, Matteoli G. Intestinal permeability, inflammation and the role of nutrients. *Nutrients.* 2020;12(4):1185. doi:10.3390/nu12041185
- Fleischer DM, Chan ES, Venter C, et al. A consensus approach to the primary prevention of food allergy through nutrition: guidance from the American Academy of Allergy, Asthma, and Immunology; American College of Allergy, Asthma, and Immunology; and the Canadian Society for Allergy and Clinical Immunology. *J Allergy Clin Immunol Pract.* 2021;9(1):22-43.e4. doi:10.1016/j.jaip.2020.11.002
- Greer FR, Sicherer SH, Burks AW; Committee on Nutrition; Section on Allergy and Immunology. The effects of early nutritional interventions on the development of atopic disease in infants and children: the role of maternal dietary restriction, breastfeeding, hydrolyzed formulas, and timing of introduction of allergenic complementary foods. *Pediatrics.* 2019;143(4):e20190281. doi:10.1542/peds.2019-0281

Early Life Feeding Choices and the Allergic March

Gupta RS, Bilaver LA, Johnson JL, et al. Assessment of pediatrician awareness and implementation of the addendum guidelines for the prevention of peanut allergy in the United States. *JAMA Netw Open*. 2020;3(7):e2010511. doi:10.1001/jamanetworkopen.2020.10511

Gupta RS, Warren CM, Smith BM, et al. The public health impact of parent-reported childhood food allergies in the United States. *Pediatrics*. 2018;142(6):e20181235. doi:10.1542/peds.2018-1235

Halken S, Muraro A, de Silva D, et al. EAACI guideline: preventing the development of food allergy in infants and young children (2020 update). *Pediatr Allergy Immunol*. 2021;32(5):843-858. doi:10.1111/pai.13496

Hayden J, d'Art Y, Byrne A, Van Ree R, O'B Hourihane J. Infants with higher baseline sIgE to cow's milk make less progress on ladder-based tolerance induction programs. *J Allergy Clin Immunol*. 2023;151(2 suppl):AB4.

Hill DA, Grundmeier RW, Ramos M, Spergel JM. Eosinophilic esophagitis is a late manifestation of the allergic march. *J Allergy Clin Immunol Pract*. 2018;6(5):1528-1533. doi:10.1016/j.jaip.2018.05.010

Homann CM, Rossel CAJ, Dizzell S, et al. Infants' first solid foods: impact on gut microbiota development in two intercontinental cohorts. *Nutrients*. 2021;13(8):2639. doi:10.3390/nu13082639

Knudgaard MH, Andreasen TH, Ravnborg N, et al. Rhinitis prevalence and association with atopic dermatitis: a systematic review and meta-analysis. *Ann Allergy Asthma Immunol*. 2021;127(1):49-56.e1. doi:10.1016/j.anai.2021.02.026

Kopp MV, Muche-Borowski C, Abou-Dakn M, et al. S3 guideline allergy prevention. *Allergol Select*. 2022;6:61-97. doi:10.5414/ALX02303E

Kosmerl E, Rocha-Mendoza D, Ortega-Anaya J, Jiménez-Flores R, García-Cano I. Improving human health with milk fat globule membrane, lactic acid bacteria, and Bifidobacteria. *Microorganisms*. 2021;9(2):341. doi:10.3390/microorganisms9020341

Mohamed HJJ, Lee EKH, Woo KCK, Sarvananthan R, Lee YY, Mohd Hussin ZA. Brain-immune-gut benefits with early life supplementation of milk fat globule membrane. *JGH Open*. 2022;6(7):454-461. doi:10.1002/jgh3.12775

Ng AE, Boersma P. Diagnosed allergic conditions in adults: United States, 2021. *NCHS Data Brief*. 2023;(460):1-8.

Nocerino R, Bedogni G, Carucci L, et al. The impact of formula choice for the management of pediatric cow's milk allergy on the occurrence of other allergic manifestations: the Atopic March Cohort Study. *J Pediatr*. 2021;232:183-191.e3. doi:10.1016/j.jpeds.2021.01.059

Nocerino R, Coppola S, Carucci L, et al. The Step-down approach in children with cow's milk allergy: Results of a randomized controlled trial. *Allergy*. 2023;10.1111/all.15750. doi:10.1111/all.15750

Nuzzi G, Di Cicco ME, Peroni DG. Breastfeeding and allergic diseases: what's new? *Children (Basel)*. 2021;8(5):330. doi:10.3390/children8050330

Paller AS, Mina-Osorio P, Vekeman F, et al. Prevalence of type 2 inflammatory diseases in pediatric patients with atopic dermatitis: real-world evidence. *J Am Acad Dermatol*. 2022;86(4):758-765. doi:10.1016/j.jaad.2021.10.038

Paller AS, Spergel JM, Mina-Osorio P, Irvine AD. The atopic march and atopic multimorbidity: many trajectories, many pathways. *J Allergy Clin Immunol*. 2019;143(1):46-55. doi:10.1016/j.jaci.2018.11.006

Patel R, Oken E, Bogdanovich N, et al. Cohort profile: the promotion of breastfeeding intervention trial (PROBIT). *Int J Epidemiol*. 2014;43(3):679-690. doi:10.1093/ije/dyt003

Perkin MR, Logan K, Tseng A, et al. Randomized trial of introduction of allergenic foods in breast-fed infants. *N Engl J Med*. 2016;374(18):1733-1743. doi:10.1056/NEJMoa1514210

Ravnborg N, Ambikaibalan D, Agnihotri G, et al. Prevalence of asthma in patients with atopic dermatitis: a systematic review and meta-analysis. *J Am Acad Dermatol*. 2021;84(2):471-478. doi:10.1016/j.jaad.2020.02.055

Roberts G, Bahnsen HT, Du Toit G, et al. Defining the window of opportunity and target populations to prevent peanut allergy. *J Allergy Clin Immunol*. 2023;151(5):1329-1336. doi:10.1016/j.jaci.2022.09.042

Early Life Feeding Choices and the Allergic March

Sakihara T, Otsuji K, Arakaki Y, Hamada K, Sugiura S, Ito K. Early Discontinuation of Cow's Milk Protein Ingestion Is Associated with the Development of Cow's Milk Allergy. *J Allergy Clin Immunol Pract.* 2022;10(1):172-179.
doi:10.1016/j.jaip.2021.07.053

Sakihara T, Otsuji K, Arakaki Y, Hamada K, Sugiura S, Ito K. Randomized trial of early infant formula introduction to prevent cow's milk allergy. *J Allergy Clin Immunol.* 2021;147(1):224-232.e8. doi:10.1016/j.jaci.2020.08.021

Scarpone R, Kimkool P, Ierodiakonou D, et al. Timing of allergenic food introduction and risk of immunoglobulin E-mediated food allergy: a systematic review and meta-analysis. *JAMA Pediatr.* 2023;177(5):489-497.
doi:10.1001/jamapedia.2023.0142

Switkowski KM, Oken E, Rifas-Shiman SL, et al. Timing of cow's milk protein introduction and childhood adverse reactions to cow's milk. *J Allergy Clin Immunol Pract.* 2022;10(10):2713-2721.e2. doi:10.1016/j.jaip.2022.06.022

Tachimoto H, Imanari E, Mezawa H, et al. Effect of avoiding cow's milk formula at birth on prevention of asthma or recurrent wheeze among young children: extended follow-up from the ABC Randomized Clinical Trial. *JAMA Netw Open.* 2020;3(10):e2018534. doi:10.1001/jamanetworkopen.2020.18534

Thoo L, Noti M, Krebs P. Keep calm: the intestinal barrier at the interface of peace and war. *Cell Death Dis.* 2019;10(11):849. doi:10.1038/s41419-019-2086-z

Togias A, Cooper SF, Acebal ML, et al. Addendum guidelines for the prevention of peanut allergy in the United States: report of the National Institute of Allergy and Infectious Diseases-sponsored expert panel. *J Allergy Clin Immunol.* 2017;139(1):29-44. doi:10.1016/j.jaci.2016.10.010

Urashima M, Mezawa H, Okuyama M, et al. Primary prevention of cow's milk sensitization and food allergy by avoiding supplementation with cow's milk formula at birth: a randomized clinical trial. *JAMA Pediatr.* 2019;173(12):1137-1145. doi:10.1001/jamapedia.2019.3544

Venter C, Warren C, Samady W, et al. Food allergen introduction patterns in the first year of life: a US nationwide survey. *Pediatr Allergy Immunol.* 2022;33(12):e13896. doi:10.1111/pai.13896

Wiertsema SP, van Bergenhenegouwen J, Garssen J, Knippels LMJ. The interplay between the gut microbiome and the immune system in the context of infectious diseases throughout life and the role of nutrition in optimizing treatment strategies. *Nutrients.* 2021;13(3):886. doi:10.3390/nu13030886

Zablotsky B, Black LI, Akinbami LJ. Diagnosed allergic conditions in children aged 0–17 years: United States, 2021. *NCHS Data Brief.* 2023;(459):1-8. <https://www.cdc.gov/nchs/data/databriefs/db459.pdf>



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