

Blends & Beyond: Exploring Cutting Edge Research in Whole Food Tube Feeding References

General Blenderized Tube Feeding Research:

Harkness L. The history of enteral nutrition therapy: from raw eggs and nasal tubes to purified amino acids and early postoperative jejunal delivery. *J Am Diet Assoc.* 2002;102(3):399-404. [https://doi.org/10.1016/S0002-8223\(02\)90092-1](https://doi.org/10.1016/S0002-8223(02)90092-1).

Epp L., Lammert L., Vallumsetla N., et al. Use of Blenderized Tube Feeding in Adult and Pediatric Home Enteral Nutrition Patients. *Nutr Clin Pract.* 2017;32:201-205. <https://doi.org/10.1177/0884533616662992>.

Church A. & Zoeller S. Enteral nutrition product formulations: A review of available products and indications for use. *Nutr Clin Pract.* 2023;38(2):277-300. <https://doi.org/10.1002/ncp.10960>.

McClave S. & Martindale R. Why do current strategies for optimal nutrition therapy neglect the microbiome? *Nutr J.* 2019;60: 100-105. <https://doi.org/10.1016/j.nut.2018.09.024>.

Koecher K., Thomas W., & Slavin J. Healthy Subjects Experience Bowel Changes on Enteral Diets. *J Parenter Enteral Nutr.* 2015;39:337-343. <https://doi.org/10.1177/0148607113510523>.

Epp L., Blackmer A., Church A., et al. Blenderized tube feedings: Practice recommendations from the American Society for Parenteral and Enteral Nutrition. *Nutr Clin Pract.* 2023 Dec;38(6):1190-1219. <https://doi.org/10.1002/ncp.110055>

Hron B. & Rosen R. Viscosity of Commercial Food-based Formulas and Home-prepared Blenderized Feeds. *JPGN.* 2020 Feb;70(6):e124-128. <https://doi.org/10.1097/MPG.0000000000002657>

Makki K., Deehan E, Walter J., et al. The Impact of Dietary Fiber on Gut Microbiota in Host Health and Disease. *Cell Host & Microbe.* 2018 Jun; 23: 705-715. <https://doi.org/10.1016/j.chom.2018.05.012>

Liu T., Wang C., Wang Y., et al. Effect of dietary fiber on gut barrier function, gut microbiota, short-chain fatty acids, inflammation, and clinical outcomes in critically ill patients: A systematic review and meta-analysis. *JPEN.* 2022 Jul; 46(5):997-1010. <https://doi.org/10.1002/jpen.231>

Adult Specific Research:

Schultz E. & Kim Y. Clinical outcomes associated with blenderized tube feedings in adults: A systematic review. *Nutr Clin Pract.* 2024 Apr;39(2):330-343. <https://doi.org/10.1002/ncp.11087>

Spurlock A., Johnson T., Pritchett A., et al. Blenderized food tube feeding in patients with head and neck cancer. *Nutr Clin Pract.* 2022 Jun;37(3):615-624. <https://doi.org/10.1002/ncp.10760>

Schmidt S., Kulig W., Winter R., et al. The effect of a natural food based tube feeding in minimizing diarrhea in critically ill neurological patients. *Clin Nutr.* 2019 Feb;38(1):332-340. <https://doi.org/10.1016/j.clnu.2018.01.007>

Kariya C. & Vardi L. Blenderized Tube Feeding and Enterostomy Tube Occlusions Among Adults with Amyotrophic Lateral Sclerosis and Primary Lateral Sclerosis. *Canadian Journal of Dietetic Practice and Research.* 2021 Dec;82(4):196-199. <https://doi.org/10.3148/cjdp-2021-019>

Papakostas P., Tsaousi G., Stavrou G., et al. Percutaneous endoscopic gastrostomy feeding of locally advanced oro-pharyngo-laryngeal cancer patients: Blenderized or commercial food? *Oral Oncol.* 2017 Nov;74:135-141. <https://doi.org/10.1016/j.oraloncology.2017.10.001>

Tanchoco C, Ma Castro C., Valladolid M., et al. Enteral feeding in stable chronic obstructive pulmonary disease patients. *Respirology.* 2001;61(1):43-50. <https://doi.org/10.1111/j.1440-1843.2001.00295.x>

Xavier d Melo V., Mezzomo T., Aristides Dall'igna A., et al. Does the nutritional composition and category of administered enteral nutrition affect the nutritional status of patients receiving home nutritional therapy? *Clin Nutr ESPEN*. 2022;49:270-277. <https://doi.org/10.1016/j.clnesp.2022.03.042>

Viera M., Santos V., Bottoni A., et al. Nutritional and microbiological quality of commercial and homemade blenderized whole food enteral diets for home-based neutral nutritional therapy in adults. *Clin Nutr*. 2018;37(1):177-181. <https://doi.org/10.1016/j.clnu.2016.11.020>

Hurt R., Epp L., Duellman W., et al. Blenderized tube feedings for adult patients on home enteral nutrition: a pilot study. *J Alter Complement Med*. 2019;25(4):413-416. <https://doi.org/10.1089/acm.2018.0227>

Pediatric Specific Research:

Gallagher K., Flint A., Mouzaki M., et al. Blenderized Enteral Nutrition Diet Study: Feasibility, Clinical, and Microbiome Outcomes of Providing Blenderized Feeds Through a Gastric Tube in Medically Complex Pediatric Population. *JPEN*. 2018 Aug;42(6):1046-1060. <https://doi.org/10.1002/jpen.1049>

Hron B., Fishman E., Lurie M., et al. Health Outcomes and Quality of Life Indices of Children Receiving Blenderized Feeds via Enteral Tube. *J Pediatr*. 2019 Aug;211:139-145. <https://doi.org/10.1016/j.jpeds.2019.04.023>

Kernizan D., Mintz D., Colin M., et al. Outcomes and Safety of Blenderized Tube Feedings in Pediatric Patients: A Single Center's Experience. *J Pediatr Gastroenterol Nutr*. 2020 Oct;71(4):e124-e128. <https://doi.org/10.1097/MPG.0000000000002853>.

Brekke G., Raun A., Sorensen S., et al. Nutrition and preparation of blenderized tube feeding in children and adolescents with neurological impairment: A scoping review. *Nutr Clin Pract*. 2022 Aug;37(4):783-796. <https://doi.org/10.1002/ncp.10853>

Schmitz E., Silva E., Filho O., et al. Blenderized tube feeding for children: an integrative review. *Rev. Paul. Pediatr*. 2022;40. <https://doi.org/10.10590/1984-0462/2022/40/2020419>

Zong W., Troutt R., & Nerves J. Blenderized enteral nutrition in pediatric short gut syndrome: Tolerance and clinical outcomes. *Nutr Clin Pract*. 2022 Aug;37(4):913-920. <https://doi.org/10.1002/ncp.10866>

Miguel M. & Haubrick K. Systematic review: exploring outcomes of commercial and homemade blenderized tube-feeding regimens on feeding tolerance in pediatric patients. *Nutrition Reviews*. 2023 Oct; nuad118. <https://doi.org/10.1093/nutrit/nuad119>

Walker S., Johnson T., Carter H., et al. Blenderized food tube feeding in very young pediatric patients with special healthcare needs. *Nutr Clin Pract*. 2024 Feb; 39(1):202-209. <https://doi.org/10.1002/ncp.10975>

Shrager S., Adigun A., Motolongo S., et al. Comparison of Home-Blenderized Formula and Commercial Enteral Formulas for Gastrostomy Tube-Fed Children: A Retrospective, Prospective Cohort Study. *Cureus*. 2023 Apr; 15(4):e37944. <https://doi.org/10.7759/cureus.37944>

Murayi J. & Goday P. Current topics in pediatric enteral nutrition study. *Nutr Clin Pract*. 2023 Dec;38(6):1220-1224. <https://doi.org/10.1002/ncp.11066>

Chen C. Nutritional and feeding challenges in aerodigestive patients. *Current Opinion in Pediatrics*. 2023 Oct;35(5):561-565. <https://doi.org/10.1097/MOP.0000000000001275>