

Why Peptide Proteins Matter & Clinical Utilization References

Babault N, Païzis C, Deley G, et al. Pea proteins oral supplementation promotes muscle thickness gains during resistance training: a double-blind, randomized, Placebo-controlled clinical trial vs. Whey protein. *J Int Soc Sports Nutr*. 2015 Jan 21;12(1):3. <https://pubmed.ncbi.nlm.nih.gov/25628520/>

Caron J, Domenger D, Dhulster P, et al. Protein Digestion-Derived Peptides and the Peripheral Regulation of Food Intake. *Front Endocrinol (Lausanne)*. 2017 Apr 24;8:85. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5401913/>

Curry AS, Chadda S, Daniel A, et al. Early introduction of a semi-elemental formula may be cost saving compared to a polymeric formula among critically ill patients requiring enteral nutrition: a cohort cost-consequence model. *Clinicoecon Outcomes Res*. 2018 June 5;10:293-300. <https://pubmed.ncbi.nlm.nih.gov/29892200/>

Elfadil OM, Steien DB, Narasimhan R, et al. Transition to Peptide Based Formula is Associated with Greater Tolerability and Reduction in Healthcare Utilization in Children Receiving Enteral Nutrition. *JPEN*. 2021;1-9. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9291947/>

Ferreiro B, Llopis-Saliner S, Lardies B, et al. Clinical and Nutritional Impact of a Semi-Elemental Hydrolyzed Whey Protein Diet in Patients with Active Crohn's Disease: A Prospective Observational Study. *Nutrients*. 2021;13(10):3623. <https://pubmed.ncbi.nlm.nih.gov/34684624/>

Huhmann MB, Yamamoto S, Neutel JM et al. Very high-protein and low-carbohydrate enteral nutrition formula and plasma glucose control in adults with type 2 diabetes mellitus: a randomized crossover trial. *Nutr Diabetes*. 2018 Aug 30;8(1):45. <https://pubmed.ncbi.nlm.nih.gov/30158516/>

Ibrahim H, Mansour M, El Gendy YG. Peptide-based formula versus standard-based polymeric formula for critically ill children: is it superior for patients' tolerance? *Arch Med Sci*. 2020 Apr 6;16(3):592-596. <https://pubmed.ncbi.nlm.nih.gov/32399107/>

LaVallee C, Seelam P, Balakrishnan S, et al. Real-World Evidence of Treatment, Tolerance, Healthcare Utilization, and Costs Among Adult Post-Acute Care Patients Receiving Enteral Peptide-Based Diets in the United States. *JPEN*. 2021 Nov;45(8):1729-1735. <https://pubmed.ncbi.nlm.nih.gov/33734462/>

LaVallee C, Seelam P, Balakrishnan S, et al. [Tolerance, Healthcare Utilization and Cost of Enteral Peptide-Based Diets in Children in Post-Acute Care in the USA](#). *J Clin Nutr Diet*. 2021;7(4):1-6.

Li H, Aluko R. Kinetics of the inhibition of calcium/calmodulin-dependent protein kinase II by pea protein-derived peptides. *J Nutr Biochem*. 2005 Nov;16(11):656-662. <https://pubmed.ncbi.nlm.nih.gov/16111873/>

Minor G, Ochoa JB, Storm H, et al. Formula Switch Leads to Enteral Feeding Tolerance Improvements in Children With Developmental Delays. *Glob Pediatr Health*. 2016 Dec 21;3:2333794X16681887. <https://pubmed.ncbi.nlm.nih.gov/28229094/>

Mundi MS, Velapati S, Kuchkuntla A, et al. Reduction in Healthcare Utilization with Transition to Peptide-Based Diets in Intolerant Home Enteral Nutrition Patients. *Nutr Clin Pract*. 2020;35:487-494. <https://pubmed.ncbi.nlm.nih.gov/32149433/>

Pexe-Machado PA, de Oliveira BD, Dock-Nascimento DB, et al. Shrinking preoperative fast time with maltodextrin and protein hydrolysate in gastrointestinal resections due to cancer. *Nutrition*. 2013 Jul-Aug;29(7-8):1054-9. <https://pubmed.ncbi.nlm.nih.gov/23759267/>

Pownall TL, Udenigwe CC, Aluko RE. Amino acid composition and antioxidant properties of pea seed (*Pisum sativum* L.) enzymatic protein hydrolysate fractions. *J Agric Food Chem*. 2010 Apr 28;58(8):4712-8. <https://pubmed.ncbi.nlm.nih.gov/20359226/>

Rattanachaiwong S, Siritientong T, Pisprasert V, et al. A high-protein peptide-based enteral formula improves diarrhea in tube-fed patients: A prospective multicenter study. *Nutr Health*. 2022 Nov 29:2601060221136918. <https://pubmed.ncbi.nlm.nih.gov/36445065/>

Selimoglu MA, Kansu A, Aydogdu S, et al. Nutritional Support in Malnourished Children With Compromised Gastrointestinal Function: Utility of Peptide-Based Enteral Therapy. *Front Pediatr*. 2021 Jun 7;9:610275. <https://pubmed.ncbi.nlm.nih.gov/34164352/>

Seres DS, Ippolito PR. Pilot study evaluating the efficacy, tolerance and safety of a peptide-based enteral formula versus a high protein enteral formula in multiple ICU settings (medical, surgical, cardiothoracic). *Clin Nutr*. 2017 Jun;36(3):706-709. <https://pubmed.ncbi.nlm.nih.gov/27161892/>

Udenigwe CC, Aluko RE. Food protein-derived bioactive peptides: production, processing, and potential health benefits. *J Food Sci*. 2012 Jan;77(1):R11-24. <https://pubmed.ncbi.nlm.nih.gov/22260122/>