

REFERÊNCIAS APTAMIL

1. Sociedade Brasileira de Pediatria. Manual de orientação para a alimentação do lactente, do pré-escolar, do escolar, do adolescente e na escola. Departamento de Nutrologia, 4ª ed. Rio de Janeiro, 2018.
2. Zubler et al. Evidence-informed milestones for developmental surveillance tools *Pediatrics*. 2022; 149 (3)
3. Moreno Villares JM, Collado MC, Larqué E, Leis Trabazo R, Saenz De Pipaón M, Moreno Aznar LA. The first 1000 days: an opportunity to reduce the burden of noncommunicable diseases. *Nutr Hosp*. 2019 Mar 7;36(1):218-232.
4. Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am*. 2013;60(1):49-74.
5. Koletzko B et al. Lower protein in infant formula is associated with lower weight up to age 2 y: a randomized clinical trial. *Am J Clin Nutr*. 2009; 89: 1836–45.
6. Dallas DC, Murray NM, Gan J. Proteolytic Systems in Milk: Perspectives on the Evolutionary Function within the Mammary Gland and the Infant. *J Mammary Gland Biol Neoplasia*. 2015 Dec;20(3-4):133-47 .
7. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. *BRASPEN J* 2020; 35 (3): 294-306
8. Liu L et al. Higher efficacy of dietary DHA provided as a phospholipid than as a triglyceride for brain DHA accretion in neonatal piglets. *J Lipid Res*. 2014;55(3):531-9
9. Bar-Yoseph F et al. Review of sn-2 palmitate oil implications for infant health. *Prostaglandins Leukot Essent Fatty Acids*. 2013;89(4):139-43
10. Salminen S, Szajewska H, Knol J. *The Biotics Family in Early Life*. Edited Wiley: vol. 4, 2019
11. Moro G et al. Dosage-related bifidogenic effects of galacto- and fructooligosaccharides in formula-fed term infants. *J Pediatr Gastroenterol Nutr*. 2002;34(3):291-5
12. Bruzzese E et al. A formula containing galacto- and fructo-oligosaccharides prevents intestinal and extra-intestinal infections: an observational study. *Clin Nutr*. 2009;28(2):156-61
13. Oozeer R et al. Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides. *Am J Clin Nutr*. 2013;98(2):561S-71S.
14. Scholtens PA et al. Stool characteristics of infants receiving short-chain galacto-oligosaccharides and long-chain fructo-oligosaccharides: a review. *World J Gastroenterol*. 2014;20(37):13446-52.
15. Vandenplas Y et al. A partly fermented infant formula with postbiotics including 3'-GL, specific oligosaccharides, 2'-FL, and milk fat supports adequate growth, is safe and well-tolerated in healthy term infants: a double-blind, randomised, controlled, multi-country trial. *Nutrients*. 2020; 12(11):3960
16. Overbeek S et al. Human milk oligosaccharide 2'-fucosyllactose more efficiently modulates immunogenicity during maturation of human dendritic cells in the presence of scGOS/lcFOS prebiotics. *JPGN*. 2019;58:995
17. Comparativo realizado com produtos da mesma categoria, setembro 2024.
18. Dinleyici M, Barbieur J, Dinleyici EC, Vandenplas Y. Functional effects of human milk oligosaccharides (HMOs). *Gut Microbes*. 2023 Jan-Dec;15(1):2186115.

REFERÊNCIAS APTANUTRI

1. SBP. Sociedade Brasileira de Pediatria – Departamento de Nutrologia Manual de Alimentação: orientações para alimentação do lactente ao adolescente, na escola, na gestante, na prevenção de doenças e segurança alimentar / Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia. – 4ª. ed. - São Paulo: SBP, 2018. 172 p
2. Dekaban, A; Sadowsky, D. Changes in brain weights during the span of human life: Relation of brain weights to body heights and body weights. *Annals of Neurology* Vol. 4 Issue 4 Oct. 1978
3. Lenroot, R; Giedd, J.N. Brain development in children and adolescents: insights from anatomical magnetic resonance imaging. *Neurosci Biobehav Ver.* 2006;30(6):718-2
4. Bernardi, J.R. et al. Fetal and Neonatal Levels of Omega-3: Effects on Neurodevelopment, Nutrition, and Growth. <https://doi.org/10.1100/2012/202473>
5. Colombo, J. et al. Long Chain Polyunsaturated Fatty Acid Supplementation in Infancy Reduces Heart Rate and Positively Affects Distribution of Attention. *Pediatr Res.* 2011 Oct; 70(4): 406–410.
6. Zubler JM, Wiggins LD, Macias MM, et al. Evidence-Informed Milestones for Developmental Surveillance Tools. *Pediatrics.* 2022;149(3):e2021052138
7. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. *BRASPEN J* 2020; 35 (3): 294-306.
8. Mello, Carolina Santos, Karina Vieira Barros, and Mauro Batista de Moraes, "Brazilian infant and preschool children feeding; literature review." *Jornal de pediatria* 92 (2016): 451-463.
9. Veja Saude Dificuldades alimentares. Pesquisa realizada com 1000 maes e pais brasileiros, 2020
10. Nogueira-de-Almeida, C.A., Falcão, M, C. Ribas Filho, D. Zorzo, R. A., Konstantyner, T. Ricci, R. Gioia, N. & Fisberg, M. (2022). Consensus of the Brazilian Association of Nutrology on Milky Feeding of Children Aged 1-5 Years Old, *International Journal of Nutrology* 13(D, 2-16,
11. Ballard, Olivia, and Ardythe L. Morrow. "Human milk composition, nutrients and bioactive factors" *Pediatric Clinics* 60.1 (2013):49-7
12. Koletzko B et al. Global standard for the composition of infant formula: recommendations of an ESPHAN coordinated international expert group. *J Pediatr Gastroenterol Nutr* 2005 Now:41(5):584-99
13. Castanys-Muñoz et al. *Nutr Rev.* 2013 Dec;71(12):773-89.
14. Ferreira AL et al. *Nutrients.* 2020;12(3):790.
15. Cheng Let al. *Crit Rev Food Sci Nutr:* 202161(7):1184-1200
16. Salminen S, Szajewska H, Knel J. *The Biotics Family in Early Lifo*, Edited Wiley: vol. 4, 2019
17. Moro G et al. Desago-relatod bifidogenic effects of galacto- and fructooligosaccharides in formula-fed term infants. *J Pediatr Gastroenterol Nutr.* 2002;34(3):291-5.
18. Knol J et al. Colon microflora in infants fed formula with galacto- and fructo-oligosaccharides: more like breast-fed infants. *J Pediatr Gastroenterol Nutr.* 2005.40():36-42.
19. Bruzzese, Eugenia, et al. "A formula containing galacto-and fructo-oligosaccharides prevents intestinal and extra-intestinal infections, an observational study" *Clinical Nutrition* 282 (2009): 156-161.
20. Shahremian, iraj, et al. "The effects of prebiotic supplementation on weight gain, diarrhoea, constipation, fever and respiratory tract infections in the first year of life" *Journal of paediatrics and child health* 54.8 (2018): 875-880,
21. Liu L et al. Higher efficacy of dietary DHA provided as a phospholipid than as a triglyceride for brain DHA accretion in neonatal piglets. *J Lipid Res.* 2014;55(3):531-9
22. Graf et al Age dependent incorporation of 14C-DHA into rat brain and body tissues after dosing various 14C-DHA-esters. *Prostaglandins, Leukotrienes and Essential Fatty Acids (PLEFA).* 2010; 83 (2):89-96.
23. Wijendran V et al. Efficacy of dietary arachidonic acid provided as triglyceride or phospholipid as substrates for brain arachidonic acid accretion in baboon neonates, *Pediatr Res.* 2002,51(43) 265-72
24. Bar-Yoseph F et al, Review of sn-2 palmitate oil implications for infant health *Prostaglandins Leukot Essent Fatty Acids.* 2013;89(4)139-43.
25. Yaron, S. et al. *Nutr.* 2013 Apr 56(43):376-81 Effect of high p-palmitate content In infant formula on the intestinal microbiota of term Infants. *J Pediatr Gastroenterol*

26. Haschke F, Haiden N, Thakkar SK. Nutritive and Bioactive Proteins in Breastmilk. *Ann Nutr Metab* 2016;69(suppl 2):17-26.
27. Michaelsen, K.F.; Greer, F. Protein needs early in life and long-term health. *Am. J. Clin. Nutr* 2014; 99:7185-7225.
28. Goh CY, Limpt KV, Bongers R, Low SY, Bartke N, Knol J et al. Combination of short-chain GOS and long-chain FOS Si with 2FI positively impact the infant gut microbiota composition and metabolic activity in a stimulator of the human intestinal microbial ecosystem (SHIME). *J Pediatr Gastroenterol Nutr* 2019; 68 (S12: NP 114; 1159,
29. Xiao, Ling, et al "The combination of 20-fucosyllactose with short-chain galacto-oligosaccharides and long-chain fructo-oligosaccharides that enhance influenza vaccine responses is associated with mucosal immune regulation in mice," *The Journal of nutrition* 149.5 (2019): 856-869.
30. Azagra-Boronat I, et al Oligosaccharides Modulate Rotavirus-Associated Dysbiosis and TLR Gene Expression in Neonatal Rats, *Celis* 2019; 8(8): 876, 25,
31. Institute of Medicine. *Dietary Reference Intakes; The Essential Guide to Nutrient Requirements (2006) - Comparativo vs as necessidades nutricionais de adultos*
32. Hojsak, I. et al. Young Child Formula: A Position Paper by the ESPGHAN Committee on Nutrition *JPGN* 2018,66: 177-185.
33. Resolução da Diretoria Colegiada - RDC nº 44, de 19 de setembro de 2011.
34. Luque et al. Early Programming by Protein Intake: The Effect of Protein on Adiposity Development and the Growth and Functionality of Vital Organs. *Nutrition and Metabolic Insights* 2015;8(S1) 49-56
35. Eussen SRBM, et al. Theoretical Impact of Replacing Whole Cow's Milk by Young-Child Formula on Nutrient Intakes of UK Young Children; Results of a Simulation Study. *Annals of Nutrition and Metabolism*, 2015; 67(4):247-56).
36. Dinleyici M, Barbieur J, Dinleyici EC, Vandenplas Y. Functional effects of human milk oligosaccharides (HMOs). *Gut Microbes*. 2023 Jan-Dec;15(1):2186115.
37. Vandenplas Y et al. A partly fermented infant formula with postbiotics including 3'-GL, specific oligosaccharides, 2'-FL, and milk fat supports adequate growth, is safe and well-tolerated in healthy term infants: a double-blind, randomised, controlled, multi-country trial. *Nutrients*. 2020; 12(11):3960
38. Comparativo realizado com produtos da mesma categoria, set/2024.
39. Kranz, S., Brauchla, M., Slavin, J. L., & Miller, K. B. (2012). What do we know about dietary fiber intake in children and health? The effects of fiber intake on constipation, obesity, and diabetes in children. *Advances in Nutrition*, 3(1), 47-53

REFERÊNCIAS DIAGNÓSTICO NEOCATE LCP, PREGOMIN PEPTI E APTAMIL PEPTI

1. Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. Arq Asma Alerg Imunol. 2018;2(1):7-82.
2. Koletzko S et al. Diagnostic approach and management of cow's-milk protein allergy in infants and children: ESPGHAN GI Committee practical guidelines. J Pediatr Gastroenterol Nutr. 2012;55 (2):221-9.
3. Meyer R et al. When Should Infants with Cow's Milk Protein Allergy Use an Amino Acid Formula? A Practical Guide. J Allergy Clin Immunol Pract. 2018 Mar - Apr;6(2):383-399.
4. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. Allergy. 2014;69(8):1008-25.
5. Meyer R, Venter C, et al. World Allergy Organ J. 2023 Jul 24;16(7):100785.
6. Venter C et al. Diagnosis and management of non-IgE-mediated cow's milk allergy in infancy: a UK primary care practical guide. Clin Transl Allergy. 2013;3(1):23.
7. Venter C et al. Better recognition, diagnosis and management of non-IgE-mediated cow's milk allergy in infancy: iMAP-an international interpretation of the MAP (Milk Allergy in Primary Care) guideline. Clin Transl Allergy. 2017;7:26.
8. Ferreira CT et al. Alergia alimentar não-IgE mediada: formas leves e moderadas (guia prático de atualização da Sociedade Brasileira de Pediatria). São Paulo: SBP, 2022.
9. Toca MC et al. Consenso sobre el diagnóstico y el tratamiento de la alergia a las proteínas de la leche de vaca de la Sociedad Latinoamericana de Gastroenterología, Hepatología y Nutrición. Rev Gastroenterol Méx. 2022;87:235---250.
10. Vieira MC et al. Diagnosis and Management of Cow's Milk Allergy (CMA) in Infants and Children: From Guidelines to Clinical Practice in Brazil. Ann Pediatr Child Health 2020; 8(8): 1204.
11. Fox A, Brown T, Walsh J, et al. An update to the Milk Allergy in Primary Care guideline. Clin Transl Allergy. 2019;9:40.
12. Vandenplas Y, Broekaert I, Domellöf M, Indrio F, Lapillonne A, Pienar C, Ribes-Koninckx C, Shamir R, Szajewska H, Thapar N, Thomassen RA, Verduci E, West C. An ESPGHAN Position Paper on the Diagnosis, Management, and Prevention of Cow's Milk Allergy. J Pediatr Gastroenterol Nutr. 2024 Feb;78(2):386-413.
13. Morais MB, Spolidoro JV, Vieira MC, et al. Amino acid formula as a new strategy for 1766 diagnosing cow's milk allergy in infants: is it cost-effective? J Med Econ 2016;19:1207- 1767 1214. doi: 10.1080/13696998.2016.1211390.

REFERÊNCIAS UP AGE – NEOADVANCE, NEOFORTE E PREGOMIN PLUS

- 1.Savilahti EM, Savilahti E. Development of natural tolerance and induced desensitization in cow's milk allergy. *Pediatric Allergy Immunology* 24 (2013):114-12
- 2.SBP. Guia de orientações - Dificuldades alimentares/ Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia . São Paulo: SBP, 2022. 66 f.
- 3.Solé D et al. Consenso Brasileiro sobre Alergia Alimentar- Parte 1 e 2. Documento conjunto elaborado pela Sociedade Brasileira de Pediatria e Associação Brasileira de Alergia e Imunologia. *Braz J Allergy Immunol.* 2018.
- 4.Medeiros LCS et al. Ingestão de nutrientes e estado nutricional de crianças em dieta isenta de leite de vaca e derivados. *J. Pediatr. (Rio J.)* vol.80 no.5 Porto Alegre, 2004.
- 5.Meyer R, Venter C, Fox AT, Shah N. Practical dietary management of protein energy malnutrition in young children with cow's milk protein allergy. *Pediatr Allergy Immunol.* 2012 Jun;23(4):307-14.
- 6.Meyer R, De Koker C, Dziubak R, Venter C, Dominguez-Ortega G, Cutts R et al. Malnutrition in children with food allergies in the UK. *J Hum Nutr Diet.* 2014;27(3):227-35
- 7.ESPGHAN Committee on Nutrition: Practical Approach to Paediatric Enteral Nutrition. A Comment by the ESPGHAN Committee on Nutrition. *JPGN* 2010; 51: 110–122.
- 8.Institute of Medicine (IOM). Dietary Reference Intake (DRI) for energy, carbohydrate, fiber, fat, fatty acids, cholesterol, protein, and amino acids. Washington (DC). The National Academies Press. 2005. 1332p
- 9.Sociedade Brasileira de Pediatria (SBP). Manual de Alimentação: orientações para alimentação do lactente ao adolescente, na escola, na gestante, na prevenção de doenças e segurança alimentar / Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia. – 4ª. ed. - São Paulo: SBP, 2018. 172 p.
- 10.Comparativo de produtos de mesma categoria realizado em Agosto de 2024.

REFERÊNCIAS FORTINI COMPLETE, FORTINI PLUS E FORTINI PLUS MF

1. Kerzner B, Milano K, MacLean WC, et al. A Practical approach to classifying and managing feeding difficulties. 2015; 135(2):344-35
2. Nogueira CA, Mello E, Filho DR, Maximino P, Fisberg M. Consenso da Associação Brasileira de Nutrologia sobre o uso de suplementos alimentares para crianças com dificuldades alimentares. Int J Nutrol 2018;11(suppl S1):S4–S15
3. Sociedade Brasileira de Pediatria. Guia de orientações - Dificuldades alimentares. Departamento Científico de Nutrologia São Paulo: SBP, 2022.
4. Manual de Suporte Nutricional da Sociedade Brasileira de Pediatria - 2ed. - Rio de Janeiro: Departamento Científico de Suporte Nutricional da Sociedade Brasileira de Pediatria. – 2020.
5. Braegger C, Decsi T, Dias JA, Hartman C, Kolaček S, Koletzko B et al. Practical Approach to Paediatric Enteral Nutrition: A Comment by the ESPGHAN Committee on Nutrition. JPGN; 2010;51(1):110-122
6. NICE Guideline. Faltering growth: recognition and management of faltering growth in children. 2017.
7. Mehta NM et al. Defining pediatric malnutrition: A paradigm shift toward etiology-related definitions. J Parenter Enter Nutr. 2013;37(4):460–81.
8. Nogueira-de-Almeida, C.A.; Del Ciampo, L.A.; Martinez, E.Z.; Contini, A.A.; Nogueira-de-Almeida, M.E.; Ferraz, I.S.; Epifanio, M.; da Veiga Ued, F. Clinical Evolution of Preschool Picky Eater Children Receiving Oral Nutritional Supplementation during Six Months: A Prospective Controlled Clinical Trial. Children 2023, 10, 495.
9. Devaera, Y., Syaharutsa, D. M., Jatmiko, H. K., & Sjarif, D. R. Comparing Compliance and Efficacy of Isocaloric Oral Nutritional Supplementation Using 1.5 kcal/mL or 1 kcal/mL Sip Feeds in Mildly to Moderately Malnourished Indonesian Children: A Randomized Controlled Trial. Pediatric gastroenterology, hepatology & nutrition, 21(4), 315–320.
10. Comparado com Fórmula Pediátrica com 1Kcal/ml

REFERÊNCIAS APTAMIL ESPESSADO

- 1.Moro G et al. Dosage-related bifidogenic effects of galacto- and fructooligosaccharides in formula-fed term infants. *J Pediatr Gastroenterol Nutr.* 2002;34(3):291-5
- 2.Braegger C et al. Supplementation of infant formula with probiotics and/or prebiotics: a systematic review and comment by the ESPGHAN Committee on Nutrition. *J Pediatr Gastroenterol Nutr.* 2011;52:238–225
- 3.Boehm G et al. Prebiotics in infant formulas. *J Clin Gastroenterol.* 2004; 38: S76-9.
- 4.Vandenplas Y et al. Oligosaccharides in infant formula: more evidence to validate the role of prebiotics. *Br J Nutr.* 2015;113(9):1339-44.
- 5.Oozeer R et al. Intestinal microbiology in early life: specific prebiotics can have similar functionalities as human-milk oligosaccharides. *Am J Clin Nutr.* 2013;98(2):561S-71S.
6. Comparativo de tabela nutricional de produtos da mesma categoria realizado em Agosto 2024.
- 7.Koletzko B, Karin B, Thomas BJ, Phipip C Should formula for infants provide arachidonic acid along with DHA? A position paper of the European Academy of Paediatrics and the Child Health Foundation. *Am J Clin Nutri.* 2020. Vol. 111, nº 1, p. 10-16.
- 8.Birch E. et al. The DIAMOND (DHA intake and measurement of neural development) study: a double-masked, randomized controlled clinical trial of the maturation of infant visual acuity as a function of the dietary level of docosahexaenoic acid' *Am J Clin Nutr.*, vol. 91, no.4, pg. 848–859, 2010.
- 9.Qawasmi A et al. Meta-analysis of LCPUFA supplementation of infant formula and visual acuity. *Pediatrics.* 2013;131(1):262-72.
- 10.Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. *BRASPEN J* 2020; 35 (3): 294-306
- 11.Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. *Nutrients.* 2021; 13: 247.
12. Lerner A, Shamir R. Nucleotides in infant nutrition: a must or an option. *Isr Med Assoc J.* 2000; 2(10):772-4.
- 13.Salvatore, S. et al. Thickened infant formula: what to know. *Nutrition*, 2018.
- 14.Rosen R, Vandenplas Y, Singendonk M, et al. Pediatric Gastroesophageal Reflux Clinical Practice Guidelines: Joint Recommendations of the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition and the European Society for Pediatric Gastroenterology, Hepatology, and Nutrition. *J Pediatr Gastroenterol Nutr.* 2018;66(3):516-554.
- 15.Infante Pina D et al. Thickened infant formula, rheological study of the “in vitro” properties. *Ann Pediatr (Barc).* 2010; 72(5):302-8.
- 16.Horvath A, Dziechciarz P, Szajewska H. The Effect of Thickened-Feed Interventions on Gastroesophageal Reflux in Infants: Systematic Review and Meta-analysis of Randomized, Controlled Trials. *Pediatrics* 2008;122:e1268–e1277.
- 17.Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am.*2013;60(1):49-74.
- 18.Dupont C. Protein requirements during the first year of life. *Am J Clin Nutr.* 2003;77(6):1544S-1549S.
- 19.EFSA. Scientific Opinion on the essential composition of infant and follow-on formulae. *EFSA Journal.* 2014;12(7).
- 20.Sociedade Brasileira de Pediatria. Departamento de Nutrologia. Manual de Alimentação: Da Infância à adolescência, 2018.
- 21 Borrelli O et al. Use of a new thickened formula for treatment of symptomatic gastroesophageal reflux in infants. *Ital J Gastroenterol Hepatol*, 1997; 29:237-42.
- 22.Wenzl TG et al. Effects of thickened feeding on gastroesophageal reflux in infants: a placebo-controlled crossover study using intraluminal impedance. *Journal of Pediatrics*, 2003;111(4):355-359
- 23.Laranjeira M et al. Adequado crescimento, ausência de ganho de peso excessivo e de alteração no padrão evacuatório em lactentes com refluxo gastroesofágico recebendo fórmula infantil espessada com goma jataí. *Pediatr. Mod.* 2014; 50(8): 339-342.