

REFERÊNCIAS VAZÃO (25/06/2025)

O que é alergia alimentar?

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. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. Allergy. 2014;69(8):1008-25.
4. Fiocchi A et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines. Pediatr Allergy Immunol. 2010;21 Suppl 21:1-125.
5. 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.
6. 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.
7. Orsi M et al. Alergia a la proteína de la leche de vaca: Propuesta de Guía para el manejo de los niños con alergia a la proteína de la leche de vaca. Arch. argent. pediatr. 2009; 107(5): 459-467.
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.

Cenário atual das alergias alimentares e da APLV

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. Savilahti EM, Savilahti E. Development of natural tolerance and induced desensitization in cow's milk allergy. Pediatr Allergy Immunol. 2013 Mar;24(2):114-21.

3. Saarinen KM, Pelkonen AS, Mäkelä MJ, Savilahti E. Clinical course and prognosis of cow's milk allergy are dependent on milk-specific IgE status. *J Allergy Clin Immunol.* 2005 Oct;116(4):869-75
4. Sociedade Brasileira de Pediatria e Sociedade Brasileira de Alergia e Imunopatologia. Consenso Brasileiro sobre Alergia Alimentar: 2007. *Rev Bras Alerg Imunopatol* 2008; 31 (2): 64-89.
5. Vieira et al. A survey on clinical presentation and nutritional status of infants with suspected cow' milk allergy. *BMC Pediatrics* 2010, 10:25.
6. Venter, CarinaAnsotegui, Ignacio et al.World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) guidelines update – XVI - Nutritional management of cow's milk allergy World Allergy Organization Journal, Volume 17, Issue 8, 100931
7. Ed. Abril. Alergia à proteína do leite de Vaca. Revista Veja Saúde, 2020.

Diferença entre APLV e intolerância a lactose

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. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. *Allergy.* 2014;69(8):1008-25.
4. Fiocchi A et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines. *Pediatr Allergy Immunol.* 2010;21 Suppl 21:1-125.
5. 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.
6. 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.
7. Orsi M et al. Alergia a la proteína de la leche de vaca: Propuesta de Guía para el manejo de los niños con alergia a la proteína de la leche de vaca. *Arch. argent. pediatr.* 2009; 107(5): 459-467.
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.

Classificação das alergias alimentares

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. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. Allergy. 2014;69(8):1008-25.
4. Fiocchi A et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines. Pediatr Allergy Immunol. 2010;21 Suppl 21:1-125.
5. 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.
6. 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.
7. Orsi M et al. Alergia a la proteína de la leche de vaca: Propuesta de Guía para el manejo de los niños con alergia a la proteína de la leche de vaca. Arch. argent. pediatr. 2009; 107(5): 459-467.
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. Nowak Węgrzyn A, Katz Y, Mehr SS, Koletzko S Non IgE mediated gastrointestinal food allergy J Allergy Clin Immunol 2015 May 135 5 1114 24

Sintomatologia da APLV: muito além do que os olhos podem ver

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. 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.
3. 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.
4. Fox A, Brown T, Walsh J, et al. An update to the Milk Allergy in Primary Care guideline. Clin Transl Allergy. 2019;9:40.
5. 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.
6. 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.
7. 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.
8. Dupont C, Chouraqui JP, Linglart A, Bocquet A, Darmaun D, Feillet F, Frelut ML, Girardet JP, Hankard R, Rozé JC, Simeoni U, Briend A; Committee on Nutrition of the French Society of Pediatrics. Nutritional management of cow's milk allergy in children: An update. Arch Pediatr. 2018 Apr;25(3):236-243.
9. Meyer Rosan. Dietetic management of non-IgE mediated allergies in children. Paediatrics and Child Health. 2018 - 28(5):241-244.

APLV x FGIDs

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. 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 Aug 23;7:26.

3. 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
4. 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.
5. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. Allergy. 2014;69(8):1008-25.
6. Fiocchi A et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines. Pediatr Allergy Immunol. 2010;21 Suppl 21:1-125.
7. Orsi M et al. Alergia a la proteína de la leche de vaca: Propuesta de Guía para el manejo de los niños con alergia a la proteína de la leche de vaca. Arch. argent. pediatr. 2009; 107(5): 459-467.
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. Vandenplas Y, Gottrand F, Veereman-Wauters G, et al. Gastrointestinal manifestation of cow's milk allergy and gastrointestinal motility, Acta Paediatr. 2012 Nov;101(11):1105-9.
11. Heine RG. Gastroesophageal reflux disease, colic and constipation in infants with food allergy. Curr Opin Allergy Clin Immunol. 2006 Jun;6(3):220-5.
12. Benninga MA, Faure C, Hyman PE, et al. Childhood functional gastrointestinal disorders: neonate/toddler. Gastroenterology 2016;150:1443-55.
13. SBP. Distúrbios Gastrointestinais Funcionais No Lactente E Na Criança Abaixo De 4 Anos: Um Guia Para A Prática Diária. Departamento Científico De Gastroenterologia. 2022.

Refluxo

1. Vandenplas Y, Gottrand F, Veereman-Wauters G, et al. Gastrointestinal manifestation of cow's milk allergy and gastrointestinal motility, *Acta Paediatr*. 2012 Nov;101(11):1105-9.
2. Heine RG. Gastroesophageal reflux disease, colic and constipation in infants with food allergy. *Curr Opin Allergy Clin Immunol*. 2006 Jun;6(3):220-5.
3. Benninga MA, Faure C, Hyman PE, et al. Childhood functional gastrointestinal disorders:neonate/toddler. *Gastroenterology* 2016;150:1443-55.

Cólica

1. Vandenplas Y, Gottrand F, Veereman-Wauters G, et al. Gastrointestinal manifestation of cow's milk allergy and gastrointestinal motility, *Acta Paediatr*. 2012 Nov;101(11):1105-9.

Como é feito o diagnóstico da APLV

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. Muraro A et al. EAACI food allergy and anaphylaxis guidelines: diagnosis and management of food allergy. *Allergy*. 2014;69(8):1008-25.
4. Fiocchi A et al. World Allergy Organization (WAO) Diagnosis and Rationale for Action against Cow's Milk Allergy (DRACMA) Guidelines. *Pediatr Allergy Immunol*. 2010;21 Suppl 21:1-125.
5. 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.
6. 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.
7. Orsi M et al. Alergia a la proteína de la leche de vaca: Propuesta de Guía para el manejo de los niños con alergia a la proteína de la leche de vaca. *Arch. argent. pediatr*. 2009; 107(5): 459-467.

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.

Fórmulas hipoalergênicas

1. Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. Arq Asma Alerg Imunol. 2018;2(1):7-82.

Fluxograma de diagnóstico e tratamento da APLV

1. Vandenplas Y, et al. An ESPGHAN position paper on the diagnosis, management and prevention of cow's milk allergy. J Pediatr Gastroenterol Nutr. 2023 Jul 26.
2. Morais MB, Spolidoro JV, Vieira MC, Cardoso AL, Clark O, Nishikawa A, Castro AP. Amino acid formula as a new strategy for diagnosing cow's milk allergy in infants: is it cost-effective? J Med Econ. 2016;19:1207-14.

Fluxograma econômico

1. Morais MB, Spolidoro JV, Vieira MC, Cardoso AL, Clark O, Nishikawa A, Castro AP. Amino acid formula as a new strategy for diagnosing cow's milk allergy in infants: is it cost-effective? J Med Econ. 2016;19:1207-14.
2. Vandenplas Y, et al. An ESPGHAN position paper on the diagnosis, management and prevention of cow's milk allergy. J Pediatr Gastroenterol Nutr. 2023 Jul 26.

Por que usar Neocate no diagnóstico

1. Vandenplas Y, et al. An ESPGHAN position paper on the diagnosis, management and prevention of cow's milk allergy. J Pediatr Gastroenterol Nutr. 2023 Jul 26.
2. 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.
3. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

Só anafilaxia é grave?

1. Fox A, Brown T, Walsh J, et al. An update to the Milk Allergy in Primary Care guideline. Clin Transl Allergy. 2019;9:40. Published 2019 Aug 12. doi:10.1186/s13601-019-0281-8

FAA é a única considerada 100% eficaz

1. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

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. 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.

Casos leves e moderados, as FEH são a 1ª escolha

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. 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

3. Vandenplas Y, et al. 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.

4. 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.

5. Vandenplas Y. Lactose Intolerance. Asia Pac J Clin Nutr. 2015;24(Suppl 1):S9–13

6. Marten B et al. Medium-chain triglycerides. International Dairy Journal. 2006;16: 1374-1382.

7. Arslanoglu S, Moro GE, Boehm G, Wienz F, Stahl B, Bertino E. Early neutral prebiotic oligosaccharide supplementation reduces the incidence of some allergic manifestations in the first 5 years of life. J Biol Regul Homeost Agents. 2012;26(3 Suppl):49-59.

8. Arslanoglu S, Moro GE, Schmitt J, Tandoi L, Rizzardi S, Boehm G. Early Dietary intervention with a mixture of prebiotic oligosaccharides reduces the incidence of allergic manifestations and infections during the first two years of life. J Nutr. 2008;138(6):1091-5.

9. Moro G, Arslanoglu S, Stahl B, Jelinek J, Wahn U, 12. Boehm G. A mixture of prebiotics oligosaccharides reduces the incidence of atopic dermatitis during the first six months of age. Arch Dis Child. 2006;91(10):814-9.

10. Koletzko B, Baker S, Cleghorn G, et al. Global standard for the composition of infant formula: recommendations of an ESPGHAN coordinated international expert group. Pediatr Gastroenterol Nutr. 2005;41(5):584-99.

11. Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. Pediatr Clin North Am. 2013;60(1):49-74.

12. 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.
13. Qawasmi A et al. Meta-analysis of LCPUFA supplementation of infant formula and visual acuity. Pediatrics. 2013;131(1):262-72.
14. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. BRASPEN J 2020; 35 (3): 294-306
15. Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. Nutrients. 2021; 13: 247
16. Estudo observacional, prospectivo, aberto e multicêntrico de vigilância pós-comercialização sobre aceitabilidade e tolerabilidade de uma fórmula infantil extensamente hidrolisada. Brasil. 2016: dados preliminares.
17. Epifanio, M. et al. Palatability and Sensory Perception of Infant Formulas for the Treatment of Cow's Milk Allergy According to Brazilian Mothers. Biomed J Sci & Tech Res 25(1)-2020. BJSTR. MS.ID.00416.
18. FERREIRA, CHT; BARRETO, BAP; TOFOLI, MHC; et al. Microbioma e pediatria na saúde e na doença. Barueri [SP]: Manole, 2024. 1.ed.
19. 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. – 5.ed. rev. ampl.– São Paulo: SBP, 2024. 208 p.
20. SALMINEN, Seppo; SZAJEWSKA, Hania; KNOL, Jan. The Biotics Family in Early Life. 2. ed. Wiley, 2023.
21. Goh CY, et al. Combination of short-chain GOS and long-chain FOS 9:1 with 2FL 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 (S1): NP 114; 1159.

Casos leves e moderados – Pregomin 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. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

3. 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
4. Vandenplas Y, et al. 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.
5. 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.
6. 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.
7. Qawasmi A et al. Meta-analysis of LCPUFA supplementation of infant formula and visual acuity. Pediatrics. 2013;131(1):262-72.
8. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. BRASPEN J 2020; 35 (3): 294-306
9. Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. Nutrients. 2021; 13: 247
10. Marten B et al. Medium-chain triglycerides. International Dairy Journal. 2006;16: 1374-1382.
11. Estudo observacional, prospectivo, aberto e multicêntrico de vigilância pós-comercialização sobre aceitabilidade e tolerabilidade de uma fórmula infantil extensamente hidrolisada. Brasil. 2016: dados preliminares.
12. Epifanio, M. et al. Palatability and Sensory Perception of Infant Formulas for the Treatment of Cow's Milk Allergy According to Brazilian Mothers. Biomed J Sci & Tech Res 25(1)-2020. BJSTR. MS.ID.00416.

Casos leves e moderados – Aptamil Pepti HMO

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. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025
3. 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

4. Vandenplas Y, et al. 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.
5. 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.
6. 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.
7. Qawasmi A et al. Meta-analysis of LCPUFA supplementation of infant formula and visual acuity. *Pediatrics.* 2013;131(1):262-72.
8. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. *BRASPEN J* 2020; 35 (3): 294-306
9. Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. *Nutrients.* 2021; 13: 247
10. Estudo observacional, prospectivo, aberto e multicêntrico de vigilância pós-comercialização sobre aceitabilidade e tolerabilidade de uma fórmula infantil extensamente hidrolisada. Brasil. 2016: dados preliminares.
11. Epifanio, M. et al. Palatability and Sensory Perception of Infant Formulas for the Treatment of Cow's Milk Allergy According to Brazilian Mothers. *Biomed J Sci & Tech Res* 25(1)-2020. BJSTR. MS.ID.00416
12. Arslanoglu S, Moro GE, Boehm G, Wienz F, Stahl B, Bertino E. Early neutral prebiotic oligosaccharide supplementation reduces the incidence of some allergic manifestations in the first 5 years of life. *J Biol Regul Homeost Agents.* 2012;26(3 Suppl):49-59.
13. Arslanoglu S, Moro GE, Schmitt J, Tandoi L, Rizzardi S, Boehm G. Early Dietary intervention with a mixture of prebiotic oligosaccharides reduces the incidence of allergic manifestations and infections during the first two years of life. *J Nutr.* 2008;138(6):1091-5.
14. Moro G, Arslanoglu S, Stahl B, Jelinek J, Wahn U, 12. Boehm G. A mixture of prebiotics oligosaccharides reduces the incidence of atopic dermatitis during the first six months of age. *Arch Dis Child.* 2006;91(10):814-9.

15. Koletzko B, Baker S, Cleghorn G, et al. Global standard for the composition of infant formula: recommendations of an ESPGHAN coordinated international expert group. *Pediatr Gastroenterol Nutr*. 2005;41(5):584-99.
16. Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am*. 2013;60(1):49-74.
17. FERREIRA, CHT; BARRETO, BAP; TOFOLI, MHC; et al. Microbioma e pediatria na saúde e na doença. Barueri [SP]: Manole, 2024. 1.ed.
18. 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. – 5.ed. rev. ampl.– São Paulo: SBP, 2024. 208 p.
19. SALMINEN, Seppo; SZAJEWSKA, Hania; KNOL, Jan. The Biotics Family in Early Life. 2. ed. Wiley, 2023.
20. Goh CY, et al. Combination of short-chain GOS and long-chain FOS 9:1 with 2FL 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 (S1): NP 114; 1159.

No tratamento da APLV, quando intervir?

1. 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;23(4):307–14.
2. Institute of Medicine (IOM). Dietary Reference Intakes for Energy, Carbohydrate, Fiber, Fat, Fatty Acids, Cholesterol, Protein, and Amino Acids. Washington: The National Academies Press; 2005.
3. 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.
4. Maslin K, Dean T, Arshd SH, Venter C. Fussy eating and feeding difficulties in infants and toddlers consuming a cow's milk exclusion diet. *Pediatr Allergy Immunol*. 2015;26(6):503-8
5. Maslin K, Grimshaw K, Oliver E, Roberts G, Arshad SH, Dean T et al. Taste preference, food neophobia and nutritional intake in children consuming a cows' milk exclusion diet: a prospective study. *J Hum Nutr Diet*. 2016;29(6):786-796.

6. SBP. Guia de orientações - Dificuldades alimentares/ Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia . São Paulo: SBP, 2022.
7. Eveleens, R D et al. Definitions, predictors, and outcomes of feeding intolerance in critically ill children: A systematic review. Clin Nutr, 2020, 39.3: 685-693.
8. Marino, LV et al. Feeding intolerance in children with critical illness. Clin. Nutr., 2020, 39.3: 609-611.
9. Lucia Diaferio L et al. May Failure to Thrive in Infants Be a Clinical Marker for the Early Diagnosis of Cow's Milk Allergy? Nutrients . 2020 Feb 13;12(2):466. doi: 10.3390/nu12020466.
10. Boaventura RM, Mendonça RB, Fonseca FA, Mallozi M, Souza FS, Sarni ROS. Nutritional status and food intake of children with cow's milk allergy. Allergol Immunopathol (Madr). 2019;47(6):544-550. doi:10.1016/j.aller.2019.03.003
11. Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. Arq Asma Alerg Imunol. 2018;2(1):7-82.
12. Marten B et al. Medium-chain triglycerides. International Dairy Journal. 2006;16: 1374-1382.
13. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

Crianças tem necessidades nutricionais diferentes

1. 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.
2. 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.
3. Institute of Medicine (US) Committee to Review Dietary Reference Intakes for Vitamin D and Calcium; Ross AC, Taylor CL, Yaktine AL, et al., editors. Dietary Reference Intakes for Calcium and Vitamin D. Washington (DC): National Academies Press (US); 2011.
4. Savilahti EM, Savilahti E. Development of natural tolerance and induced desensitization in cow's milk allergy. Pediatr Allergy Immunol. 2013 Mar;24(2):114-

5. 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.

Com apenas 2 copos ao dia - NeoAdvance

1. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, N° 1, 2025
2. 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;23(4):307–14.
3. SBP. Guia de orientações - Dificuldades alimentares/ Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia . São Paulo: SBP, 2022.
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. 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.
6. Danone Nutricia Research: Neocate Junior HCP and Parent experience surveys – Brazil Results. November, 2024.

Com apenas 2 copos ao dia – Pregomin Plus

1. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, N° 1, 2025
2. 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;23(4):307–14.
3. SBP. Guia de orientações - Dificuldades alimentares/ Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia . São Paulo: SBP, 2022.
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. 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.

Bebidas vegetais

1. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

Crianças tem necessidades nutricionais diferentes

1. 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.
2. 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.
3. Savilahti EM, Savilahti E. Development of natural tolerance and induced desensitization in cow's milk allergy. Pediatr Allergy Immunol. 2013 Mar;24(2):114-21
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. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025
6. 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
7. Meyer R et al. A practical approach to vitamin and mineral supplementation in food allergic children. Clinical and Translational Allergy (2015) 5:11
8. Danone Nutricia Research: Neocate Junior HCP and Parent experience surveys – Brazil Results. November, 2024.
9. Marten B et al. Medium-chain triglycerides. International Dairy Journal. 2006;16: 1374-1382.
10. FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Fats and fatty acids in human nutrition: Report of an expert consultation. Rome: FAO, 2010. 7.

11. Nogueira-de-Almeida CA, et al. I Consenso da Associação Brasileira de Nutrologia sobre recomendações de DHA durante gestação, lactação e infância. In: Anais do XVIII Congresso Brasileiro de Nutrologia; 2014; São Paulo, BR. São Paulo;; 2014. 1-13." ; 33.

Highlights do novo posicionamento

1. Atualização em Alergia Alimentar 2025: posicionamento conjunto da ASBAI e SBP – de Oliveira LCL, et al. Arq Asma Alerg Imunol – Vol. 9, Nº 1, 2025

Tela de portfólio

1. HCP TRACKER, 2024

2.Verwimp JJ, et al. Symptomatology and growth in infants with cow's milk protein intolerance using two different whey protein hydrolysate based formulas in a Primary Health Care setting. Eur J Clin Nutr. 1995;49 Suppl 1:S39 S48.2.

3.Giampietro PG, et al. Hypoallergenicity of an extensively hydrolyzed whey formula. Pediatr Allergy Immunol. 2001;12(2):83 86. 3.

4.Sampson et al (1992). Safety of an amino acid derived infant formula in children allergic to cow milk. Pediatrics, 90(3), 463 465.4.

5.Isolauri, E., et al (1995). Efficacy and safety of hydrolyzed cow milk and amino acid derived formulas in infants with cow milk allergy. The Journal of pediatrics, 127(4), 550 557.

6. Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. Arq Asma Alerg Imunol. 2018;2(1):7-82.

7. SBP. Guia de orientações - Dificuldades alimentares/ Sociedade Brasileira de Pediatria. Departamento Científico de Nutrologia . São Paulo: SBP, 2022. 66

8. 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;23(4):307–14.

Distúrbios gastrointestinais funcionais:

1) Koppen IJ, et al. The pediatric Rome IV criteria: what's new? Expert Rev Gastroenterol Hepatol. 2017 Mar;11(3):193-201. doi: 10.1080/17474124.2017.1282820. Epub 2017 Jan 24.

- 2) Rome IV Functional Gastrointestinal Disorders for Primary Care and Non-GI Clinicians, Drossman et al. Rome Foundation, Inc., 1st edition, May 2, 2017.
- 3) Lacono G, et al; Paediatric Study Group on Gastrointestinal Symptoms in Infancy. Gastrointestinal symptoms in infancy: a population-based prospective study. *Dig Liver Dis.* 2005 Jun;37(6):432-8. doi: 10.1016/j.dld.2005.01.009. Epub 2005 Mar 2.
- 4) Vandenplas Y, et al. Prevalence and Health Outcomes of Functional Gastrointestinal Symptoms in Infants From Birth to 12 Months of Age. *J Pediatr Gastroenterol Nutr.* 2015 Nov;61(5):531-7. doi: 10.1097/MPG.0000000000000949. Erratum in: *J Pediatr Gastroenterol Nutr.* 2016 Mar;62(3):516.
- 5) Benninga MA, et al. Childhood Functional Gastrointestinal Disorders: Neonate/Toddler. *Gastroenterology.* 2016 Feb 15:S0016-5085(16)00182-7. doi: 10.1053/j.gastro.2016.02.016. Epub ahead of print.
- 6) Bellaiche M, et al. Multiple functional gastrointestinal disorders are frequent in formula-fed infants and decrease their quality of life. *Acta Paediatr.* 2018 Jul;107(7):1276-1282. doi: 10.1111/apa.14348. Epub 2018 Apr 26.

Impactos das FGIDs

- 1) Benninga MA, et al. Childhood Functional Gastrointestinal Disorders: Neonate/Toddler. *Gastroenterology.* 2016 Feb 15:S0016-5085(16)00182-7. doi: 10.1053/j.gastro.2016.02.016. Epub ahead of print.
- 2) Howard CR, et al. Parental responses to infant crying and colic: the effect on breastfeeding duration. *Breastfeed Med.* 2006 Autumn;1(3):146-55. doi: 10.1089/bfm.2006.1.146.
- 3) Vik T, et al; European Childhood Obesity Trial Study Group. Infantile colic, prolonged crying and maternal postnatal depression. *Acta Paediatr.* 2009 Aug;98(8):1344-8. doi: 10.1111/j.1651-2227.2009.01317.x. Epub 2009 Apr 28.
- 4) Hyman PE, et al. Childhood functional gastrointestinal disorders: neonate/toddler. *Gastroenterology.* 2006 Apr;130(5):1519-26. doi: 10.1053/j.gastro.2005.11.065.
- 5) Akman I, Kuşçu K, Özdemir N, Yurdakul Z, Solakoglu M, Orhan L, Karabekiroğlu A, Özek E. Mothers' postpartum psychological adjustment and infantile colic. *Arch Dis Child.* 2006 May;91(5):417-9. doi: 10.1136/adc.2005.083790. Epub 2006 Feb 1.
- 6) Rautava P, et al. Infantile colic: child and family three years later. *Pediatrics.* 1995 Jul;96(1 Pt 1):43-7.

- 7) Brown M, Heine RG, Jordan B. Health and well-being in school-age children following persistent crying in infancy. *J Paediatr Child Health*. 2009 May;45(5):254-62. doi: 10.1111/j.1440-1754.2009.01487.x.
- 8) Martin AJ, et al. Natural history and familial relationships of infant spilling to 9 years of age. *Pediatrics*. 2002 Jun;109(6):1061-7. doi: 10.1542/peds.109.6.1061.
- 9) Indrio F, et al. Infantile colic, regurgitation, and constipation: an early traumatic insult in the development of functional gastrointestinal disorders in children? *Eur J Pediatr*. 2015 Jun;174(6):841-2. doi: 10.1007/s00431-014-2467-3.
- 10) Salvatore S, et al. Review shows that parental reassurance and nutritional advice help to optimise the management of functional gastrointestinal disorders in infants. *Acta Paediatr*. 2018 Sep;107(9):1512-1520. doi: 10.1111/apa.14378. Epub 2018 May 25.
- 11) Vandenplas Y, Hauser B, Salvatore S. Functional Gastrointestinal Disorders in Infancy: Impact on the Health of the Infant and Family. *Pediatr Gastroenterol Hepatol Nutr*. 2019 May;22(3):207-216. doi: 10.5223/pghn.2019.22.3.207.
- 12) Rosen R, 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 Mar;66(3):516-554. doi: 10.1097/MPG.0000000000001889.
- 13) Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. *Acta Pædiatrica* 2015, ISSN 0803-5253
- 14) Bellaiche M, et al. Multiple functional gastrointestinal disorders are frequent in formula-fed infants and decrease their quality of life. *Acta Paediatr*. 2018 Jul;107(7):1276-1282. doi: 10.1111/apa.14348. Epub 2018 Apr 26.

FGIDs vs APLV

- 1) Vandenplas Y, Hauser B, Salvatore S. Functional Gastrointestinal Disorders in Infancy: Impact on the Health of the Infant and Family. *Pediatr Gastroenterol Hepatol Nutr*. 2019 May;22(3):207-216. doi: 10.5223/pghn.2019.22.3.207.
- 2) Rosen R, 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 Mar;66(3):516-554. doi: 10.1097/MPG.0000000000001889.

- 3) Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. *Acta Pædiatrica* 2015, ISSN 0803-5253) Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. *Arq Asma Alerg Imunol.* 2018;2(1):7-82.
- 4) Vandenplas Y, et al. An ESPGHAN position paper on the diagnosis, management and prevention of cow's milk allergy. *J Pediatr Gastroenterol Nutr.* 2023 Jul 26.
- 5) Solé D et al. Consenso Brasileiro sobre Alergia Alimentar: 2018 – Parte 1 e 2. *Arq Asma Alerg Imunol.* 2018;2(1):7-82.

Diagnóstico FGIDs:

- 1) Benninga MA, et al. Childhood Functional Gastrointestinal Disorders: Neonate/Toddler. *Gastroenterology.* 2016 Feb 15:S0016-5085(16)00182-7. doi: 0.1053/j.gastro.2016.02.016. Epub ahead of print.
- 2) Salvatore S, et al. Review shows that parental reassurance and nutritional advice help to optimise the management of functional gastrointestinal disorders in infants. *Acta Paediatr.* 2018 Sep;107(9):1512-1520. doi: 10.1111/apa.14378. Epub 2018 May 25.
- 3) Zeevenhooven J, Koppen IJ, Benninga MA. The New Rome IV Criteria for Functional Gastrointestinal Disorders in Infants and Toddlers. *Pediatr Gastroenterol Hepatol Nutr.* 2017 Mar;20(1):1-13. doi: 10.5223/pghn.2017.20.1.1. Epub 2017 Mar 27.
- 4) de Moraes MB, Toporovski MS, Tofoli MHC, Barros KV, Silva LR, Ferreira CHT. Prevalence of Functional Gastrointestinal Disorders in Brazilian Infants Seen in Private Pediatric Practices and Their Associated Factors. *J Pediatr Gastroenterol Nutr.* 2022 Jul 1;75(1):17-23. doi: 10.1097/MPG.0000000000003469. Epub 2022 May 27. PMID: 35622063.

Fluxograma de regurgitação

- 1) 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.
- 2) Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. *Acta Pædiatrica* 2015, ISSN 0803-5253

Aptamil RR

- 1) Vandenplas Y, Hachimi-Idrissi S, Casteels A, Mahler T, Loeb H. A clinical trial with an "anti-regurgitation" formula. *Eur J Pediatr.* 1994 Jun;153(6):419-23. doi: 10.1007/BF01983405.
- 2) Borrelli O, Salvia G, Campanozzi A, Franco MT, Moreira FL, Emiliano M, Campanozzi F, Cucchiara S. Use of a new thickened formula for treatment of symptomatic gastroesophageal reflux in infants. *Ital J Gastroenterol Hepatol.* 1997 Jun;29(3):237-42.
- 3) Wenzl TG, Schneider S, Scheele F, Silny J, Heimann G, Skopnik H. Effects of thickened feeding on gastroesophageal reflux in infants: a placebo-controlled crossover study using intraluminal impedance. *Pediatrics.* 2003 Apr;111(4 Pt 1):e355-9. doi: 10.1542/peds.111.4.e355.
- 4) Salvatore S. et al. Thickened infant formula: what to know. *Nutrition* 49 (2018) 51-56.
- 5) Danone Nutricia Research: <https://www.nutriciaresearch.com>. Acesso em agosto de 2020
- 6) Meunier L et al. Locust bean gum safety in neonates and young infants: an integrated review of the toxicological database and clinical evidence. *Regul Toxicol Pharmacol.* 2014;70(1):155-69.
- 7) Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am.* 2013;60(1):49-74.
- 8) Koletzko B et al. The roles of long-chain polyunsaturated fatty acids in pregnancy, lactation and infancy: review of current knowledge and consensus recommendations. *J Perinat Med.* 2008;36(1):5-14.

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. Salvatore, S. et al. Thickened infant formula: what to know. *Nutrition*, 2018.
8. 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.
9. Infante Pina D et al. Thickened infant formula, rheological study of the “in vitro” properties. *An Pediatr (Barc).* 2010; 72(5):302-8.
10. 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.
11. 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.
12. 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.
13. Qawasmi A et al. Meta-analysis of LCPUFA supplementation of infant formula and visual acuity. *Pediatrics.* 2013;131(1):262-72.
14. Falcão MC. Dinâmica da composição lipídica das fórmulas infantis e suas implicações clínicas. *BRASPEN J* 2020; 35 (3): 294-306
15. Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. *Nutrients.* 2021; 13: 247.
16. Lerner A, Shamir R. Nucleotides in infant nutrition: a must or an option. *Isr Med Assoc J.* 2000; 2(10):772-4.

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.

Aptamil RR & 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. Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am.* 2013;60(1):49-74.
7. Salvatore, S. et al. Thickened infant formula: what to know. *Nutrition*, 2018.
8. 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.
9. Infante Pina D et al. Thickened infant formula, rheological study of the “in vitro” properties. *An Pediatr (Barc).* 2010; 72(5):302-8.

10.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.

11.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.

12.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.

Floxugrama cólica e constipação

1) Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. *Acta Pædiatrica* 2015, ISSN 0803-5253

2) Zeevenhooven J, Koppen IJ, Benninga MA. The New Rome IV Criteria for Functional Gastrointestinal Disorders in Infants and Toddlers. *Pediatr Gastroenterol Hepatol Nutr.* 2017 Mar;20(1):1-13. doi: 10.5223/pghn.2017.20.1.1. Epub 2017 Mar 27.

Aptamil Sensitive Active

1) Billeaud C, Guillet J, Sandler B. Gastric emptying in infants with or without gastro-oesophageal reflux according to the type of milk. *Eur J Clin Nutr.* 1990 Aug;44(8):577-83.

2) Tolia V, Lin CH, Kuhns LR. Gastric emptying using three different formulas in infants with gastroesophageal reflux. *J Pediatr Gastroenterol Nutr.* 1992 Oct;15(3):297-301. doi: 10.1097/00005176-199210000-00011.

3) Havlicekova Z, et al. Beta-palmitate - a natural component of human milk in supplemental milk formulas. *Nutr J.* 2016 Mar 17;15:28. doi: 10.1186/s12937-016-0145-1.

4) Carnielli VP, et al. Feeding premature newborn infants palmitic acid in amounts and stereoisomeric position similar to that of human milk: effects on fat and mineral balance. *Am J Clin Nutr.* 1995 May;61(5):1037-42. doi: 10.1093/ajcn/61.4.1037.

5) Kennedy K, et al. Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term infants: effects on stool biochemistry, stool characteristics, and

bone mineralization. *Am J Clin Nutr.* 1999 Nov;70(5):920-7. doi: 10.1093/ajcn/70.5.920.

6) 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 Jan;40(1):36-42. doi: 10.1097/00005176-200501000-00007.

7) Moro G, et al. Dosage-related bifidogenic effects of galacto- and fructooligosaccharides in formula-fed term infants. *J Pediatr Gastroenterol Nutr.* 2002 Mar;34(3):291-5. doi: 10.1097/00005176-200203000-00014.

8) Kanabar D, Randhawa M, Clayton P. Improvement of symptoms in infant colic following reduction of lactose load with lactase. *J Hum Nutr Diet.* 2001 Oct;14(5):359-63. doi: 10.1046/j.1365-277x.2001.00304.x. Erratum in: *J Hum Nutr Diet.* 2007 Oct;20(5):509.

9) Salvatore, S. et al. Thickened infant formula: what to know. *Nutrition*, 2018.

10) Savino F, Palumeri E, Castagno E, Cresi F, Dalmaso P, Cavallo F, Oggero R. Reduction of crying episodes owing to infantile colic: A randomized controlled study on the efficacy of a new infant formula. *Eur J Clin Nutr.* 2006 Nov;60(11):1304-10. doi: 10.1038/sj.ejcn.1602457.

11) Savino F et al. "Minor" feeding problems during the first months of life: effect of a partially hydrolyzed milk formula containing fructo- and galacto-oligosaccharides. *Acta Paediatr Suppl* 2003, 91:86-90.

12) Veitl V, et al. *Journal für Ernährungsmedizin.* 2000 Jan 1;2(4):14-20

Aptamil Sensitive Active vs

1) Savino F, Palumeri E, Castagno E, Cresi F, Dalmaso P, Cavallo F, Oggero R. Reduction of crying episodes owing to infantile colic: A randomized controlled study on the efficacy of a new infant formula. *Eur J Clin Nutr.* 2006 Nov;60(11):1304-10. doi: 10.1038/sj.ejcn.1602457.

2) Billeaud C, Guillet J, Sandler B. Gastric emptying in infants with or without gastro-oesophageal reflux according to the type of milk. *Eur J Clin Nutr.* 1990 Aug;44(8):577-83.

3) Tolia V, Lin CH, Kuhns LR. Gastric emptying using three different formulas in infants with gastroesophageal reflux. *J Pediatr Gastroenterol Nutr.* 1992 Oct;15(3):297-301. doi: 10.1097/00005176-199210000-00011.

4) Kanabar D, Randhawa M, Clayton P. Improvement of symptoms in infant colic following reduction of lactose load with lactase. *J Hum Nutr Diet.* 2001

Oct;14(5):359-63. doi: 10.1046/j.1365-277x.2001.00304.x. Erratum in: J Hum Nutr Diet. 2007 Oct;20(5):509.

5) Havlicekova Z, et al. Beta-palmitate - a natural component of human milk in supplemental milk formulas. Nutr J. 2016 Mar 17;15:28. doi: 10.1186/s12937-016-0145-1.

6) Carnielli VP, et al. Feeding premature newborn infants palmitic acid in amounts and stereoisomeric position similar to that of human milk: effects on fat and mineral balance. Am J Clin Nutr. 1995 May;61(5):1037-42. doi: 10.1093/ajcn/61.4.1037.

7) Kennedy K, et al. Double-blind, randomized trial of a synthetic triacylglycerol in formula-fed term infants: effects on stool biochemistry, stool characteristics, and bone mineralization. Am J Clin Nutr. 1999 Nov;70(5):920-7. doi: 10.1093/ajcn/70.5.920.

8) 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 Jan;40(1):36-42. doi: 10.1097/00005176-200501000-00007.

9) Moro G, et al. Dosage-related bifidogenic effects of galacto- and fructooligosaccharides in formula-fed term infants. J Pediatr Gastroenterol Nutr. 2002 Mar;34(3):291-5. doi: 10.1097/00005176-200203000-00014.

Linha Gastro

1. Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. Acta Pædiatrica 2015, ISSN 0803-5253

2. Savino F et al. Reduction of crying episodes owing to infantile colic: A randomized controlled study on the efficacy of a new infant formula. Eur J Clin Nutr 2006, 60:1304-10.

3. Savino F et al. "Minor" feeding problems during the first months of life: effect of a partially hydrolyzed milk formula containing fructo- and galacto-oligosaccharides. Acta Paediatr Suppl 2003, 91:86-90.

4. Schmelzle H et al. Randomized double-blind study of the nutritional efficacy and bifidogenicity of a new infant formula containing partially hydrolyzed protein, a high beta-palmitic acid level, and nondigestible oligosaccharides. J Pediatr Gastroenterol Nutr 2003, 36:343-51.

5. Bongers ME et al. The clinical effect of a new infant formula in term infants with constipation: a double-blind, randomized cross-over trial. Nutr J 2007;6:8.

6. Savino F et al. Advances in the management of digestive problems during the first months of life. *Acta Paediatr Suppl* 2005, 94:120.
7. Havlicekova Z et al. Beta-palmitate - a natural component of human milk in supplemental milk formulas. *Nutr J*. 2016;15(1):28.
8. Litmanovitz I et al. Reduced crying in term infants fed high beta-palmitate formula: a double-blind randomized clinical trial. *BMC Pediatr*. 2014;14:152.
9. Yao M et al. Effects of term infant formulas containing high sn-2 palmitate with and without oligofructose on stool composition, stool characteristics, and bifidogenicity. *J Pediatr Gastroenterol Nutr*. 2014 ;59(4):440-8.
10. Nowacki J et al. Stool fatty acid soaps, stool consistency and gastrointestinal tolerance in term infants fed infant formulas containing high sn-2 palmitate with or without oligofructose: a double-blind, randomized clinical trial. *Nutr J*. 2014;13:105.
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. 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
13. Boehm G et al. Prebiotics in infant formulas. *J Clin Gastroenterol*. 2004; 38: S76-9.
14. Vandenplas Y et al. Oligosaccharides in infant formula: more evidence to validate the role of prebiotics. *Br J Nutr*. 2015;113(9):1339-44.
15. 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.
16. Ballard O, Morrow AL. Human milk composition: nutrients and bioactive factors. *Pediatr Clin North Am*. 2013;60(1):49-74. Infante Pina D et al. Thickened infant formula, rheological study of the “in vitro” properties. *An Pediatr (Barc)*. 2010; 72(5):302-8.
17. 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.
18. 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.

19. Koletzko B et al. The roles of long-chain polyunsaturated fatty acids in pregnancy, lactation and infancy: review of current knowledge and consensus recommendations. *J Perinat Med*. 2008;36(1):5-14.
20. Salvatore, S. et al. Thickened infant formula: what to know. *Nutrition*, 2018.
21. 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.
22. Infante Pina D et al. Thickened infant formula, rheological study of the “in vitro” properties. *An Pediatr (Barc)*. 2010; 72(5):302-8.
23. 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.
24. Miles EA, Childs CE, Calder PC. Long-Chain Polyunsaturated Fatty Acids (LCPUFAs) and the Developing Immune System: A Narrative Review. *Nutrients*. 2021; 13: 247.
25. Lerner A, Shamir R. Nucleotides in infant nutrition: a must or an option. *Isr Med Assoc J*. 2000; 2(10):772-4.
26. Simakachorn N et al. Randomized, double-blind clinical trial of a lactose-free and a lactose containing formula in dietary management of acute childhood diarrhea. *J Med Assoc Thai*. 2004 Jun;87(6):641- 9.

Linha Alergia e Gastro

1. Verwimp JJ, et al. Symptomatology and growth in infants with cow's milk protein intolerance using two different whey protein hydrolysate based formulas in a Primary Health Care setting. *Eur J Clin Nutr*. 1995;49 Suppl 1:S39 S48.2.
2. Giampietro PG, et al. Hypoallergenicity of an extensively hydrolyzed whey formula. *Pediatr Allergy Immunol*. 2001;12(2):83 86. 3.
3. Sampson et al (1992). Safety of an amino acid derived infant formula in children allergic to cow milk. *Pediatrics*, 90(3), 463 465.4.
4. Isolauri, E., et al (1995). Efficacy and safety of hydrolyzed cow milk and amino acid derived formulas in infants with cow milk allergy. *The Journal of pediatrics*, 127(4), 550 557.

5. Vandenplas Y et al. Algorithms for managing infant constipation, colic, regurgitation and cow's milk allergy in formula-fed infants. Acta Pædiatrica 2015, ISSN 0803-5253

6. HCP TRACKER, 2024