

Rol del odontólogo en el fomento de la lactancia materna. Un Scoping Review

Role of the dentist in promoting breastfeeding. A Scoping Review

Gonzalo Zelada¹, Matías Martínez¹, Joaquín Roco¹ Beatriz Beytía²

RESUMEN

Objetivo: El objetivo general de esta investigación es Determinar la importancia del rol que cumple el odontólogo en el equipo multidisciplinario de salud que apoya a la mujer gestante, mientras que el objetivo específico es revisar sistemáticamente la evidencia publicada relacionada con la influencia de la lactancia materna en cuanto al desarrollo de caries temprana de la infancia (CTI), alteraciones en el sistema estomatognático y hábitos dietéticos del lactante.

Materiales y métodos: Se realizó un Scoping Review siguiendo el protocolo internacional PRISMA en base a una pregunta de investigación en formato PICOT. La búsqueda se llevó a cabo en las bases de datos de MEDLINE/PubMed, Web of Science y Ebsco.

Resultados: Se incluyeron 14 estudios: 3 revisiones narrativas y 11 revisiones sistemáticas (5 incluían metaanálisis).

Conclusión: Los primeros 12 meses de lactancia materna jugarían un rol fundamental en la prevención de CTI, considerándose un factor protector hasta este período. Los menores con escasa o nula lactancia materna están asociados a un mayor riesgo de padecer enfermedades gastrointestinales y respiratorias. La disminución o ausencia de la lactancia materna pudiese inducir en un desarrollo anormal de la cavidad orofacial en pacientes susceptibles. Ante esto, resulta fundamental la participación del odontólogo en el equipo multidisciplinario encargado de la educación y fomento de la lactancia materna.

1. Licenciado en Odontología, Universidad Andrés Bello, Chile.
2. Cirujana dentista, especialista en Odontopediatría, Universidad Andrés Bello, Chile.

VII Jornada Científica de Estudiantes de Odontología UV (Valparaíso, Chile)

Locación: Online

Año: 2020

Presentación Oral

10 de octubre – 09:45 a 10:05 hr

Correspondencia:

Matías Martínez Martínez

Correo electrónico:

matiasaugustomartinez@hotmail.com

PALABRAS CLAVE:

lactancia, beneficios, caries temprana de la infancia, dieta, desarrollo orofacial.

KEYWORDS:

Breastfeeding, benefits, early childhood caries, diet, orofacial development.

ABSTRACT

Objective: To determine the importance of the role played by the dentist in the multidisciplinary health team that supports pregnant women, while the specific objective is to systematically review the published evidence related to the influence of breastfeeding on the development of early childhood caries (ECC), alterations in the stomatognathic system and dietary habits of the infant.

Material and Methods: A Scoping Review following the international PRISMA protocol based on a PICOT format research question was conducted. The search was carried out in MEDLINE / PubMed, Web of Science, and Ebsco databases.

Results: Fourteen studies were included: 3 narrative reviews and 11 systematic reviews (5 included meta-analyses).

Conclusion: The first 12 months of breastfeeding would play a fundamental role in preventing ECC and is considered a protective factor until this period. Minors with little or no breastfeeding are associated with a higher risk of suffering from gastrointestinal and respiratory diseases. The decrease or absence of breastfeeding could induce abnormal development of the orofacial cavity in susceptible patients. Given this, the dentist's participation in the multidisciplinary team in charge of education and promotion of breastfeeding is essential.

REFERENCIAS

- [1] Branger B, Camelot F, Droz D, Houbiers B, Marchalot A, Bruel H, et al. Erratum to "Breastfeeding and early childhood caries. Review of the literature, recommendations, and prevention" Arch. Pediatr. (2019) 26(8) (497-503).10.1016/j.arcped.2019.10.004. Arch Pediatr. 2020;27(3):172.
- [2] Doğramacı EJ, Rossi-Fedele G, Dreyer CW. Malocclusions in young children: Does breast-feeding really reduce the risk? A systematic review and meta-analysis. Vol. 148, Journal of the American Dental Association. American Dental Association; 2017. p. 566-574.e6.
- [3] Avila WM, Pordeus IA, Paiva SM, Martins CC. Breast and bottle feeding as risk factors for dental caries: A systematic review and meta-analysis. PLoS One. 2015 Nov 18;10(11):e0142922.
- [4] Abreu Fonseca Thomaz EB, Coelho Alves CM, Gomes e Silva LF, Costa Ribeiro de Almeida CC, Seabra Soares de Britto e Alves MT, Hilgert JB, et al. Breastfeeding Versus Bottle Feeding on Malocclusion in Children: A Meta-Analysis Study. JOURNAL OF HUMAN LACTATION. 2018;34(4):768-88.
- [5] Riggs E, Yelland J, Kilpatrick N, Slack-Smith L, Chadwick B, Muthu MS. Interventions with pregnant women, new mothers and other primary caregivers for preventing early childhood caries. Cochrane Database of Systematic Reviews.2019(11).
- [6] Peres KG, Chaffee BW, Feldens CA, Flores-Mir C, Moynihan P, Rugg-Gunn A. Breastfeeding and Oral Health: Evidence and Methodological Challenges. Journal of Dental Research. 2018 Mar 1;97(3):251-8.
- [7] Haroon S, Das JK, Salam RA, Imdad A, Bhutta ZA. Breastfeeding promotion interventions and breastfeeding practices: a systematic review. BMC Public Health. 2013;13 Suppl 3(Suppl 3):S20. Epub 2013 Sep 17.
- [8] Güngör D, Nadaud P, Lapergola CC, Dreibelbis C, Wong YP, Terry N, et al. Infant milk- feeding practices and diabetes outcomes in offspring: A systematic review. Vol. 109, American Journal of Clinical Nutrition. Oxford University Press; 2019. p. 817S-837S.

- [9] Moynihan P, Tanner LM, Holmes RD, Hillier-Brown F, Mashayekhi A, Kelly SAM. Systematic Review of Evidence Pertaining to Factors That Modify Risk of Early Childhood Caries. Vol. 4, JDR Clinical and Translational Research. SAGE Publications Ltd; 2019. p. 202–16.
- [10] Patro-Gołab B, Zalewski BM, Kołodziej M, Kouwenhoven S, Poston L, Godfrey KM. Nutritional Interventions or Exposures in Infants and Children Aged up to Three Years and their Effects on Subsequent Risk of Overweight, Obesity, and Body Fat: a Systematic Review of Systematic Reviews. *Obes Rev.* 2016 Dec;17(12):1245-1257
- [11] Agosti M, Tandoi F, Morlacchi L, Bossi A. Nutritional and metabolic programming during the first thousand days of life. Vol. 39, La Pediatría medica e chirurgica: Medical and surgical pediatrics. 2017. p. 157.
- [12] Güngör, D., Nadaud, P., LaPergola, C. C., Dreibelbis, C., Wong, Y. P., Terry, N., Abrams, S. A., Beker, L., Jacobovits, T., Järvinen, K. M., Nommsen-Rivers, L. A., O'Brien, K. O., Oken, E., Pérez-Escamilla, R., Ziegler, E. E., & Spahn, J. M. Infant milk-feeding practices and food allergies, allergic rhinitis, atopic dermatitis, and asthma throughout the life span: a systematic review. 2019. *The American journal of clinical nutrition*, 109(Suppl_7), 772S–799S.
- [13] Bellù R, Condò M. Breastfeeding promotion: evidence and problems. *Pediatr Med Chir.* 2017;39(2):156. Published 2017 Jun 28.
- [14] Tham R, Bowatte G, Dharmage S, Tan D, Lau M, Dai X, et al. Breastfeeding and the risk of dental caries: A systematic review and meta-analysis. Vol. 104, *Acta Paediatrica, International Journal of Paediatrics*. Blackwell Publishing Ltd; 2015. p. 62–84.
- [15] Binns C, Lee M, Low WY. The Long-Term Public Health Benefits of Breastfeeding. *Asia-Pacific Journal of Public Health.* 2016 Jan 1;28(1):7–14.