

Salud oral en niños preescolares con Trastorno del Espectro Autista: revisión bibliográfica.

Oral health in preschool children with Autism Spectrum Disorder: A bibliographic review.

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RESUMEN

Objetivo: El objetivo general de este estudio fue reconocer las condiciones orales más prevalentes en niños preescolares con trastorno del espectro autista (TEA). Los objetivos específicos fueron identificar las enfermedades bucodentales más comunes en esta población y determinar la presencia de hábitos orales desfavorables y conductas autolesivas en ellos.

Materiales y métodos: En la base de datos Pubmed, se realizó una búsqueda avanzada con las palabras claves “Autism spectrum disorders”, “oral”, “health” y “children”, seleccionando todos los estudios publicados los últimos 5 años y filtrando por edad (niños preescolares, entre 2 y 5 años). Luego se hizo otra búsqueda en la base de datos Dentistry and Oral Sciences Source (EBSCO), usando los términos “Autism Spectrum Disorders”, “children” y “oral health”, incluyendo los artículos publicados desde el año 2015.

Resultados: Se encontraron 75 artículos en total. Luego de excluir 5 duplicados y de revisar títulos y resúmenes, se seleccionaron 15 artículos. Finalmente, después de la lectura completa se incluyeron en esta revisión 14 artículos.

Conclusión: Los niños preescolares con TEA presentan una mayor predisposición a enfermedades periodontales, lesiones de tejidos blandos y anomalías dentomaxilares, asociadas a las características propias de la condición que dificultan el cuidado bucal. Resulta relevante crear y difundir estrategias de prevención que permitan reducir la aparición o severidad de estas condiciones, y reforzar la necesidad de controles odontológicos regulares que permitan detectar tempranamente patologías bucodentales.

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ABSTRACT

Objective: To recognize the most prevalent oral conditions in preschool children with Autism spectrum disorders (ASD).

Material and Methods: In the Pubmed database, an advanced search was carried out with the keywords "Autism spectrum disorders", "oral", "health" and "children", selecting all studies published in the last 5 years and filtering by age (preschool children, between 2 and 5 years of age). Posteriorly, another search was made in the Dentistry and Oral Sciences Source (EBSCO) database, using the terms "Autism Spectrum Disorders", "children" and "oral health", including articles published since 2015.

Results: A total of 75 articles were located. After excluding 5 duplicates and reviewing titles and abstracts, 15 articles were selected. Finally, after full reading, 14 articles were included in this review.

Conclusion: Preschool children with ASD present a greater predisposition to periodontal diseases, soft tissue lesions, and dentomaxillary anomalies, associated with the characteristics of the condition that make oral care difficult. It is relevant to create and disseminate prevention strategies that make it possible to reduce the occurrence or severity of these conditions and reinforce the need for regular dental check-ups that allow early detection of oral pathologies.

REFERENCIAS

- [1] Bhandary S, Hari N. Salivary biomarker levels and oral health status of children with autistic spectrum disorders: a comparative study. *Eur Arch Paediatr Dent.* 2017;18(2):91–6.
- [2] Daneshvar SH, Kavianfar A, Masoomi SH, Daneshvar MM. Comparison of oral health status and behaviors between children with autistic spectrum disorder and healthy children in Rasht city, Iran. *Cumhur Dent J.* 2020;23(1):38–44.
- [3] Herrera-Moncada M, Campos-Lara P, Hernández-Cabanillas JC, Bermeo-Escalona JR, Pozos-Guillén A, Pozos-Guillén F, et al. Autism and paediatric dentistry: A scoping review. *Oral Heal Prev Dent.* 2019;17(3):203–10.
- [4] Mirtala Orellana L, Cantero-Fuentealba C, Schmidlin-Espinoza L, Luengo L. Oral health, hygiene practices and oral habits of people with autism spectrum disorder. *Rev Cubana Estomatol.* 2019;56(3):1–15.
- [5] Planerova A, Philip S, Elad S. Gingival bleeding in a patient with autism spectrum disorder: A key finding leading to a diagnosis of scurvy. *Quintessence Int (Berl).* 2017;48(5):407–11.
- [6] Robertson, M. D., Schwendicke, F., de Araujo, M. P., Radford, J. R., Harris, J. C., McGregor, S., & Innes, N. P. T. Dental caries experience, care index and restorative index in children with learning disabilities and children without learning disabilities; a systematic review and meta-analysis. *BMC Oral Health,* 2019; 19(1).
- [7] Sarnat H, Samuel E, Ashkenazi-Alfasi N, Peretz B. Oral health characteristics of preschool children with autistic syndrome disorder. *J Clin Pediatr Dent.* 2016;40(1):21–5.
- [8] da Silva SN, Gimenez T, Souza RC, Mello-Moura ACV, Raggio DP, Morimoto S, et al. Oral health status of children and young adults with autism spectrum disorders: systematic review and meta-analysis. *Int J Paediatr Dent.* 2017;27(5):388–98.
- [9] Corridore D, Zumbo G, Corvino I, Guaragna M, Bossù M, Polimeni A, et al. Prevalence of oral disease and treatment types proposed to children affected by Autistic Spectrum Disorder in Pediatric Dentistry: a Systematic Review. *Clin Ter.*

2020;171(3):e275–82.

- [10] Du RY, Yiu CKY, King NM, Wong VCN, McGrath CPJ. Oral health among preschool children with autism spectrum disorders: A case-control study. *Autism*. 2015;19(6):746–51.
- [11] Fakroon S, Arheiam A, Omar S. Dental caries experience and periodontal treatment needs of children with autistic spectrum disorder. *Eur Arch Paediatr Dent*. 2015;16(2):205–9.
- [12] Morales-Chávez MC. Oral health assessment of a group of children with autism disorder. *J Clin Pediatr Dent*. 2017;41(2):147–9.
- [13] Onol S, Kirzioğlu Z. Evaluation of oral health status and influential factors in children with autism. *Niger J Clin Pract*. 2018;21(4):429–35.
- [14] Suhaib F, Saeed A, Gul H, Kaleem M. Oral assessment of children with autism spectrum disorder in Rawalpindi, Pakistan. *Autism*. 2019;23(1):81–6.