



EARLY CHILDHOOD CARIES

Early childhood caries and maternal education: systematic review and meta-analysis	Comm Dent Oral Epidemiol 2026; online 20 August: cdoe.70110
Investigating the impact of a chronic disease management protocol on reducing the need for dental general anaesthesia for treating early childhood caries in Australia	Austral Dent J 2026; online 15 July: adj.70057
Pathways linking socioeconomic circumstances to childhood dental caries: the mediating role of parenting and oral health behaviours before and after Childsmile implementation	Comm Dent Oral Epidemiol 2026; 54(4): 462-470
Translating observational data into public health action: reducing early childhood caries burden related to socioeconomic disparities	Comm Dent Oral Epidemiol 2026; 54(4): 471-479
Early childhood caries in preschool children: a multidimensional analysis from biological mechanisms to socioecological interventions [Accessible from the Wiley link on this page]	Oral Dis 2026; 32(5): 1213-1225
The association between exclusive breastfeeding, bottle-feeding, and oral rothia on early childhood caries [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2026; 48(3): 169-176
Influence factors of early childhood caries risk among children aged 1–2 years in Beijing: a prospective cohort study	BDJ Open 2026; 12: 44
The relationship between parental mental health and early childhood caries: a meta-analysis and systematic review	BDJ Open 2026; 12: 40
Japan's four-decade natural experiment in early childhood caries: a perspective on prevention pathways beyond fluoride	Int Dent J 2026; 76(3): 109473
Developing an interpretable machine learning framework to predict and analyse early childhood caries in children aged 2 to 6 years: a single-centre observational study	Int Dent J 2026; 76(2): 109419
Outcomes of silver-modified atraumatic restorative technique (SMART) in carious primary teeth: a systematic review and meta-analysis of randomised clinical studies	J Clin Pediatr Dent 2026; 50(1): 49-65
Temperament and its association with oral health-related behaviors and early childhood caries in young children	Int J Paediatr Dent 2026; 36(1): 40-48
The Bangkok Declaration, DOHaD concepts and early childhood caries: the use of teledentistry for prevention [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	BDJ (2025). https://doi.org/10.1038/s41415-025-9111-7
Adverse childhood experiences in the first 1000 days of life and dental caries experience from age 31 to 61 months	J Publ Health Dent 2025; 85(4): 457-463



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Impact of parental health beliefs on early childhood caries: a two-year longitudinal study	Int Dent J 2025; 75 (5): 100902
Risk of early childhood dental caries associated with prolonged breastfeeding: a systematic review and meta-analysis	Int J Paediatr Dent 2025; 35(5): 964-985
Early childhood caries: FDI policy statement	Int Dent J 2025; 75(1): 5-6
Secondary smoking and early childhood caries: a systematic review and meta-analysis	Int Dent J 2025; 75(1): 23-31
Survival analysis and risk factors of indirect pulp capping in children with severe early childhood caries: a retrospective study [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	BDJ 2025; 238(1): 51-56
Artificial intelligence in early childhood caries detection and prediction: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2024; 46(6): 385-394
Evaluation of an early childhood caries preventive programme starting during pregnancy—results after 3 and 6 years	Int J Paediatr Dent 2024; 34(6): 744-754
Change in parental knowledge and beliefs about early childhood dental caries following a pragmatic community-based trial [Accessible from the Wiley link on this page]	J Pub Health Dent 2024; 84(3): 251-259
The short-term impact of comprehensive caries treatment on the supragingival microbiome of severe early childhood caries [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2024; 34(5): 505-515
Dental caries and school readiness in 5-year-olds: A birth cohort data linkage study	Comm Dent Oral Epidemiol 2024; 52(5): 723-730
The association between vitamin D and early childhood caries: a systematic review and meta-analysis	Oral Health & Preventive Dentistry 2024; 22(1): 63-72
Metagenomic analysis reveals ecological and functional signatures of oral phageome associated with severe early childhood caries [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dentistry 2024; 146: 105059
A systematic review of caries risk in children <6 years of age	Int J Paediatr Dent 2024; 34(4): 410-431
A scoping review on the associations between early childhood caries and sustainable cities and communities using the sustainable development goal 11 framework	BMC Oral Health 2024; 24: Art 751



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Using sequential applications of a novel silver diamine fluoride gel and sodium fluoride varnish to arrest severe early childhood caries lesions: A clinical trial with single group assignment	J Am Dent Assoc 2024; 155 (6): 536-35
Child temperament and early childhood caries: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2024; 46 (3): 169-78
Interventions with pregnant women, new mothers and other primary caregivers for preventing early childhood caries [Just the plain language summary included in the hard copy]	Cochrane Database Systematic Rev 2024; Issue 5. Art. No.: CD012155. 10.1002/14651858.CD012155.pub 3
Change in parental knowledge and beliefs about early childhood dental caries following a pragmatic community-based trial [Accessible from the Wiley link on this page]	J Pub Health Dent 2024; online 29 Apr doi.org/10.1111/jphd.12620
Early childhood caries and its consequences impact sleep in preschool children [can be accessed on DOSS free by logging in on this page]	J Dent Child 2024; 91 (1): 25-30
A randomized clinical trial to assess caries arrest by using silver diamine fluoride in US children: interim findings [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2024; 46(1): 8-12
Effect of silver diamine fluoride and nano silver fluoride on oral health-related quality of life of children with early childhood caries: A randomized clinical trial [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2024; 142: 104878
Passive smoking and early childhood caries: when adult addiction affects children's oral health [Log in to the BDA home page and follow the link to the BDJ and then EBD to access]	EBD 2024; Jan 25 [Early view]
The short-term impact of comprehensive caries treatment on the supragingival microbiome of severe early childhood caries [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2024; Jan 03 [Early view]
Breastfeeding, consumption of ultraprocessed foods, and dental caries at 4 years of age: A birth cohort study [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2024; 34(2): 103-113
Correlates of childhood caries: A study in Qatar	Int J Paediatr Dent 2024; 34(2): 179-189
Early childhood caries and its associated factors among 5-years-old Myanmar children	Front Oral Health 2024; 5: 1278972
Association of temperament with oral health behaviour and caries status in Thai preschool children	Int J Paediatr Dent 2024; 34(2): 135-144



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Early childhood caries prevention through a developmental origins model of the oral microbiome, host and oral environment, and sociodemographic influences [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2023;54 (8): 610-611
The association between vitamin D and early childhood caries: a systematic review and meta-analysis	Oral Health Prev Dent 2024; (22): 63-72
Early childhood caries and dental public health programmes in Hong Kong	Int Dent J 2024; 74(1): 35-41
Investigating the relationship between dental cavities and protective factors among children aged 0-5 years	J Clin Pediatr Dent 2024; 48(1): 60-68
Evaluation of oral health-related quality of life following dental rehabilitation under general anesthesia in Turkish children with early childhood caries	Int J Paediatr Dent 2024; 34(1): 47-57
Subtypes of early childhood caries predict future caries experience	Commun Dent Oral Epidemiol 2023; 51(5): 966-975
Trajectories of child free sugars intake and dental caries - a population-based birth cohort study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2023; (134): 104559
Risk indicators for noncavitated and cavitated carious lesions in preschool children	Int Dent J 2023; 73(5): 738-745
Measuring hair cortisol concentration, insomnia symptoms and quality of life in preschool children with severe early childhood caries – a case-control pilot study	Acta Odontol Scand 2023; (81): 508-516
Prolonged breastfeeding and dental caries in preschool children	Acta Odontol Scand 2023; (81): 549-554
Bacterial community modifies host genetics effect on early childhood caries [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102 (10): 1098-105
Early introduction of total sugar foods and early childhood caries [can be accessed on DOSS free by logging in on this page]	Pediatric Dent 2023; 45 (4): 320-5
Predicting dental caries in young children in primary health care settings [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102(9): 988-998
Clinical interventions with various agents to prevent early childhood caries: A systematic review with network meta-analysis	Int J Paediatr Dent 2023; 33(5): 507-520
Early childhood predictors for dental caries: a machine learning approach [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102(9): 999-1006



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Psychosocial associated factors of early childhood caries and oral health-related quality of life: Structural equation model approach [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2023; (133): 104506
Microbial indicators of dental health, dysbiosis, and early childhood caries	J Dent Res 2023; 102 (7): 759-66
Selenomonas sputigena acts as a pathobiont mediating spatial structure and biofilm virulence in early childhood caries	Nature Communicat 2023; 14: Art 2919
Pattern of caries lesions and oral health-related quality of life throughout early childhood: A birth cohort study [Accessible from the Wiley link on this page]	European Journal of Oral Sciences 2022; 130(5): 1-8
Prediction of future caries in 1-year-old children via the salivary microbiome [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102(6): 626-635
Improvement in serum vitamin D following dental rehabilitation to treat severe early childhood caries [can be accessed on DOSS free by logging in on this page]	Pediatric Dent 2022; 44 (4): 278-83
Longitudinal evaluation of determinants of the clinical consequences of untreated dental caries in early childhood [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2022; 50(2): 91-98
Impact of early childhood caries on oral health-related quality of life: A systematic review and meta-analysis. [Review]	Int J Dent Hyg 2022; 20 (1): 120-35
Trajectories of sugar consumption and dental caries in early childhood [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 101 (6): 724-730
Body mass index and early childhood caries in high caries risk children: a nested case-control methodological investigation [can be accessed on DOSS free by logging in on this page]	J Dent Child 2021; 88 (3): 156-63
Topical fluoride to prevent early childhood caries: systematic review with network meta-analysis [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2022; 116: 103885
When less is more: minimally invasive, evidence-based treatments for dentine caries in primary teeth – the Hall technique and silver diamine fluoride [can be accessed on DOSS free by logging in on this page]	Prim Dent J 2021; 10(4): 33-42
Early childhood caries and parents' challenges in implementing oral hygiene practices: a qualitative study. [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2021; 31(1): 106–114
Home-based toothbrushing interventions for parents of young children to reduce dental caries: A systematic review. [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2021; 31(1): 37–79



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Tooth eruption and early childhood caries: a multisite longitudinal study [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43(4): 287-289
Breastfeeding and Early Childhood Caries: Findings from the National Health and Nutrition Examination Survey, 2011 to 2018 [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43(4): 276-281
Risk factors for early childhood caries: an umbrella review [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2021; 43(3): 176-E33
Metabolomics insights in early childhood caries [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100 (6): 615-622
Oral microbiota composition predicts early childhood caries onset [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100 (6): 599-607
Protocol for a family-centered behavioral intervention to reduce early childhood caries: the MySmileBuddy program efficacy trial	BMC Oral Health 2021: 246
Maternal caries experience influences offspring's early childhood caries—a birth cohort study [can be accessed on DOSS free by logging in on this page]	Comm Dent Oral Epidemiol 2020; 48(6): 561-569
Impact of problematic eating behaviour and parental feeding styles on early childhood caries [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2020; 30(5): 619-625
Children's detailed non-water beverage consumption habits and longitudinal early childhood caries experiences [can be accessed on DOSS free by logging in on this page]	J Public Health Dent 2020; 80(4): 271-277
Adverse birth outcomes and the risk of dental caries at age 3 years [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2020; 30(4): 445-450
Parental perspectives on early childhood caries: A qualitative study [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2020; 30(4): 451-458
Longitudinal follow-up survey of effects of oral comprehensive healthcare measures on early childhood caries [can be accessed on DOSS free by logging in on this page]	Oral Health Prev Dent 2020; 18(2): 197-203
Prevalence of dental caries in preschool children born preterm and/or with low birth weight: A systematic review with meta-analysis of prevalence data [can be accessed on DOSS free by logging in on this page]	Int J Paediatr Dent 2020; 30(3): 265-275
Two-year split-mouth randomized controlled clinical trial on the progression of proximal carious lesions on primary molars after resin infiltration [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2020; 42(2): 110-115
Tooth brushing habits and prevalence of early childhood caries: a prospective cohort study	Eur Arch Paed Dent 2020; 2: 155-9



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Developmental enamel defects are associated with early childhood caries: Case-control study [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2020; 30(1): 11-17
The association between postpartum depression and early childhood caries [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2020; 78(5): 352-357
Women's economic empowerment, participation in decision-making and exposure to violence as risk indicators for early childhood caries	BMC Oral Health 2020; (20): 54
Prevalence and determinants of early childhood caries in Italy	Eur J Paediatric Dent 2019; (20): 267-273
Analysis on the influence of low birth weight on the time of eruption of dental caries in children in early childhood [Accessible from the Wiley link on this page]	J Pub Health Dent 2019; 79(4): 292-297
Early childhood caries and weight status: a systematic review and meta-analysis	Pediatr Dent 2019; 41(4): 261-272
Survival of zirconia crowns in primary maxillary incisors at 12-, 24- and 36-month follow-up [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2019; 41(5): 385-390
Early childhood caries: IAPD Bangkok Declaration [can be accessed on DOSS free by logging in on this page]	J Dent Child 2019; 86(2): 7274
The effectiveness of educational mobile messages for assisting in the prevention of early childhood caries: protocol for a randomized controlled trial	JMIR Res Protoc 2019; (8): e13656
Prenatal oral health care and early childhood caries prevention: A systematic review and meta-analysis	Caries Res 2019; (53): 411-421
Systematic review of evidence pertaining to factors that modify risk of early childhood caries (request using https://www.smartsurvey.co.uk/s/PJHMY/)	JDR Clin Trans Res 2019; (4): 202-216
Effectiveness of preventive dental programs offered to mothers by non-dental professionals to control early childhood dental caries: a review	BMC Oral Health 2019; (19): 172
An alternative early childhood caries risk surveillance methodology for public policy and practice advancements [Accessible from the Wiley link on this page]	J Public Health Dent 2019; 79(3): 264-270
Tooth brushing habits and prevalence of early childhood caries: a prospective cohort study	Eur Arch Paediatr Dent 2019; (21): 155-159
Early childhood caries epidemiology, aetiology, risk assessment, societal burden, management, education, and policy: Global perspective [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2019; 29(3): 238-248
Early childhood caries: IAPD Bangkok Declaration	Int J Paediatr Dent 2019; 29(3): 384-386



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Association of maternal vitamin D deficiency with early childhood caries [can be accessed on DOSS free by logging in on this page]	J Dent Res 2019; 98(5): 549-555
Risk factors for early childhood caries: a systematic review and meta-analysis of case control and cohort studies	Pediatr Dent 2019; 41(2): 95-112
Economic evaluation of an expanded caries-preventive program targeting toddlers in high-risk areas in Sweden [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2019; 77(4): 303-309
Emotional stimuli candidates for behavioural intervention in the prevention of early childhood caries: a pilot study	BMC Oral Health 2019; (19): 33
Implementation and evaluation of an interdisciplinary preventive program to prevent early childhood caries [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2019; 23(1): 187-197
Comparison of the salivary and dentinal microbiome of children with severe-early childhood caries to the salivary microbiome of caries-free children	BMC Oral Health 2019; (19): 13
Influence of mode of delivery, family and nursing determinants on early childhood caries development: a prospective cohort study [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2019; 76(8): 595-599
Association between oral <i>Candida</i> and bacteriome in children with severe ECC [can be accessed on DOSS free by logging in on this page]	J Dent Res 2019; 97(13): 1468-1476
The building blocks of precision oral health in early childhood: the ZOE 2.0 study	J Public Health Dent 2020; 80(Suppl 1): S31-S36
Suboptimal serum vitamin D associated with early childhood caries in special health care needs children [can be accessed on DOSS free by logging in on this page]	J Dent Child 2018; 85(3): 93-101
The impact of anticipatory guidance on early childhood caries: a quasi-experimental study	BMC Oral Health 2018; 18: 126
Association between oral <i>Candida</i> and bacteriome in children with severe ECC	J Dent Res 2018; 97(13): 1468-1476
Survival and associated risk factors of composite restorations in children and early childhood caries: a clinical retrospective study	Ped Dent 2018; 40(3): 210-14
Caries outcome following an intensive fluoride varnish treatment regimen for children at high risk for early childhood caries [Accessible from the Wiley link on this page]	Int J Paed Dent 2018; 28(3): 291-9
Association between salivary cortisol level and caries in early childhood	Eur J Paed Dent 2018; 19(1): 10-15



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[Exploring the genomic basis of early childhood caries: a pilot study](#)

Int J Paed Dent 2018; 28: 217-25

[Candida albicans and early childhood caries: a systematic review and meta-analysis](#)

Caries Res 2018; 52(1-2): 102-12