



CARIES: RISK FACTORS

<p>Association between body mass index and dental caries severity in adults: a systematic review and meta-analysis</p>	<p>Int Dent J 2026; 76(1): 108275</p>
<p>Tooth decay and some relevant factors in adolescents [Accessible from the Wiley link on this page]</p>	<p>Int J Dent Hyg 2026; 24(1): 136-144</p>
<p>Exploring the association between BMI and dental caries in 6–9-year-old children in Damascus, Syria: a cross-sectional study</p>	<p>BDJ Open 2025; 11: 88</p>
<p>Development and evaluation of a multi-model stacking approach for caries risk assessment in adults using supervised machine learning</p>	<p>BDJ (2025). https://doi.org/10.1038/s41415-025-9105-5</p>
<p>Effectiveness of a 4-month vs. 8-month recall interval for high-caries-risk preschool children: a 30-month clinical trial [Accessible from the Wiley link on this page]</p>	<p>Int J Paed Dent 2025; online 22 Sept doi.org/10.1111/ipd.70032</p>
<p>Fixed appliances orthodontic therapy as a risk factor for caries development: Systematic review</p>	<p>Adv Clin Exp Med 2024; 33(10): 1153-1161</p>
<p>Risk factors or indicators for dental caries and tooth wear and their relative importance in adults according to age [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Dentistry 2024; 147: 105092</p>
<p>Risk factors for distal caries of second molars adjacent to mesioangular or horizontal partially erupted mandibular third molars: a cross-sectional study [Log in to the BDA home page and follow the link to the BDJ to access]</p>	<p>BDJ 2024; 236(12): 971-975</p>
<p>A systematic review of caries risk in children <6 years of age</p>	<p>Int J Paed Dent 2023; online 9 Dec doi.org/10.1111/ipd.13140</p>
<p>Impact of unhealthy food and beverage consumption on children’s risk of dental caries: a systematic review</p>	<p>Nutrition Rev 2023; nuad147 doi.org/10.1093/nutrit/nuad147</p>
<p>Risk indicators for noncavitated and cavitated carious lesions in preschool children</p>	<p>Int Dent J 2023; 73 (5): 738-45</p>
<p>Predicting dental caries in young children in primary health care settings [can be accessed on DOSS free by logging in on this page]</p>	<p>J Dent Res 2023; 102 (9): 988-98</p>
<p>Early childhood predictors for dental caries: a machine learning approach [can be accessed on DOSS free by logging in on this page]</p>	<p>J Dent Res 2023; 102 (9): 999-1006</p>
<p>Food insecurity and dental caries prevalence in children and adolescents: A systematic review and meta-analysis [Accessible from the Wiley link on this page]</p>	<p>Int J Paediatr Dent 2023; 33(4): 346-363</p>
<p>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]</p>	<p>J Dent Res 2023; 102 (6): 626-35</p>



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Relation between caries experience and the consumption of sweetened drinks and processed food in children: A population-based study [Accessible from the Wiley link on this page]	Int J Dent Hyg 2022; 25 Dec [Early view]
Systematic review of the effect on caries of sugars intake: ten-year update [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 101 (9): 1034-1045
Dietary patterns and risk of a new carious lesion postpartum: a cohort study [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 100 (3): 295-303
Excess risk of dental caries from higher free sugars intake combined with low exposure to water fluoridation [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100 (11): 1243-1250
Association of body mass index and waist circumference with dental caries and consequences of untreated dental caries among 12- to 14-year-old boys: a cross-sectional study	Int Dent J 2021; 71 (6): 522-9
Validation of a Subjective Caries Risk Assessment Tool [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (113): 103757
Assessment of predictive performance of caries risk assessment models based on a systematic review and meta-analysis	J Dent 2021; (110): 103664
Secondary caries risk of different adhesive strategies and restorative materials in permanent teeth: Systematic review and 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 2021; (104): 103541
Risk factors for early childhood caries: an umbrella review [can be accessed on DOSS free by logging in on this page]	Pediatric Dentistry 2021; 43(3): 176-E33
Prenatal smoking and the risk of early childhood caries: A prospective cohort study	Prev Med Rep 2020; 20: 101201
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Risk indicators of caries lesion activity in children	Eur J Paediatr Dent 2019; (20): 179-182
Validation of three caries risk assessment tools for preschool children from areas with high caries prevalence [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2019; (41): 391-396, e53-e55
Efficacy of an adenosine triphosphate meter for evaluating caries risk in clinical dental practice [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	JADA 2019; (150): 873-882



Might one simple question indicate a child's caries risk and guide preventive advice? [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2019; (227): 834-836
Mother's caries experience as a risk factor for child's oral health: an analysis of a high-risk population in the Bronx, New York [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2019; (41): 279-284
An updated CAMBRA* caries risk assessment tool for ages 0 to 5 years	J Calif Dent Assoc 2019; (47): 26-42
Validation of different Cariogram settings and factor combinations in preschool children from areas with high caries risk [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2019; (29): 448-455
Caries management by risk assessment: results from a practice-based research network study	J Calif Dent Assoc 2019; (47): 6-15
Caries management by risk assessment (CAMBRA)*: an update for use in clinical practice for patients aged 6 through adult	J Calif Dent Assoc 2019; (47): 16-39
Threshold values affect predictive accuracy of caries risk assessment [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2019; (77): 315-327
A systematic review to assess the methodological quality of studies on measurement properties for caries risk assessment tools for young children [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2019; (29): 106-116
The effect of mobile personalised texting versus non-personalised texting on the caries risk of underprivileged adults: a randomised controlled trial	BMC Oral Health 2019; (19): 44
A scoping review of caries risk management protocols in Australia and New Zealand	Aust Dent J 2019; (64): 19-26
Predicting caries in medical settings: risk factors in diverse infant groups [can be accessed on DOSS free by logging in on this page]	J Dent Res 2019; (98): 68-76
Does poverty cause dental caries?	Aust Dent J 2019; (64): 96-102
Orthodontic appliances did not increase risk of dental caries and periodontal diseases under preventive protocol	Angle Orthod 2019; (89): 25-32
Evidence-based dentistry caries risk assessment and disease management [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Am 2019; (63): 119-128
The validity of caries risk assessment in young adults with past caries experience using a screening Cariogram model without saliva tests	Int Dent J 2018; (68): 221-226



Cariou lesion severity and demarcated hypomineralized lesions of tooth enamel in schoolchildren from Melbourne, Australia	Aust Dent J 2018; (63): 35-373
Changes in caries risk in a practice-based randomized controlled trial	Adv Dent Res 2018; (29): 15-23
Pediatric caries risk assessment as a predictor of caries outcomes [can be accessed on DOSS free by logging in on this page]	Pediatric Dent 2017; 39(3): 219-225 (including supplemental data: E135-E141)
Influence of the microbiological component of Cariogram for evaluating the risk of caries in children [can be accessed on DOSS free by logging in on this page]	Acta Odonto Scandi 2017; 75(6): 446-452
Caries risk/susceptibility assessment: its value in minimum intervention oral healthcare [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2017; 223(3): 191-197
Dental caries risk indicators in early childhood and their association with caries polarization in adolescence: a cross-sectional study	BMC Oral Health 2017; (17): 2
Red fluorescence of dental plaque in children – a cross sectional study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2017; 58: 40-47
The clinical performance of chairside caries risk assessment kits [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2017; 48(2): 161-171
Association between low blood lead levels and increased risk of dental caries in children: a cross-sectional study	BMC Oral Health 2017; 17:42
The hormonal fingerprints and BMI: implications for risk factors in dental caries and malocclusion	J Clin Diagnostic Res 2016; 10(8): ZC06-ZC09
Are pediatric antibiotic formulations potential risk factors for dental caries and dental erosion?	Open Dentistry J 2016; (10): 420-430
Prevalence of dental caries and associated social risk factors among preschool children in Riyadh, Saudi Arabia	Pak J Med Sci 2016; 32(2): 452-456
Risk factors of early childhood caries among children in Beijing: a case-control study	BMC Oral Health 2016; (16): 98
Influence of lifestyle factors on risk of dental caries among children living in urban China	Bull Tokyo Dent Coll 2016; 57(3): 143-157
Risk indicators associated with root caries in independently living older adults [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2016; (51): 8-14



Maternal risk behavior and caries incidence in children with sickle cell disease	Braz Oral Res 2016; (30): e7.1-e7.6
What's new for the clinician? Summaries of excerpts from recently published papers. 1. Do adolescents who are night owls have a higher risk of dental caries? – a case-control study [summary of: Int J Dent Hyg 2016; (14): 220-225]	SADJ 2016; 71(7): 330-331
Adopting caries risk assessment in all practice environments (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 2016; 64(4): 66-72
Familial and dietary risk factors in early childhood caries	Eur J Paediatr Dent 2016; 17(2): 93-99
Validation of an early childhood caries risk assessment tool in a low-income Hispanic population [Accessible from the Wiley link on this page]	J Pub Health Dent 2016; (76): 136-142
Evaluating the impacts of caries prevention and management by caries risk assessment guidelines on clinical practice in a dental teaching hospital	BMC Oral Health 2016; (16): 58
Caries risk assessment in young adults: a 3 year validation of the Cariogram model	BMC Oral Health 2015; (15): 17
Risk factors for dental caries in childhood: a five-year survival analysis [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2015; (43): 163-171
Overweight and dental caries: the association among German children [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2015; (25): 174-182
Genetic factors affecting dental caries risk	Aust Dent J 2015; (60): 2-11
Diagnostic accuracy of different caries risk assessment methods. A systematic review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2015; (43): 1385-1393
Risk factors for secondary caries in direct composite restoration in primary teeth [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2015; (451-461)
Comparing caries risk profiles between 5- and 10- year-old children with cleft lip and/or palate and non-cleft controls	BMC Oral Health 2015; (15): 85
Risk factors for caries development on tooth surfaces adjacent to newly placed class II composites – a pragmatic, practice based study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2015; (43): 1323-1329
A qualitative study of the views of adolescents on their caries risk and prevention behaviours	BMC Oral Health 2015; (15): 141



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Protocol for assessing maternal, environmental and epigenetic risk factors for dental caries in children	BMC Oral Health 2015; (15): 167
Caries-risk profiles in Italian adults using computer caries assessment system and ICDAS	Braz Oral Res 2015; 29(1): 1-8
Risk factors for dental caries in childhood: a five-year survival analysis [Accessible from the Wiley link on this page]	Comm Dent Oral Epidemiol 2015; (43): 163-171
Breast and bottle feeding as risk factors for dental caries: a systematic review and meta-analysis	PLoS ONE 2015; 10(11): e0142922 doi: 10.1371/journal.pone.0142922
Assessment of food habits in children aged 6-12 years and the risk of caries	Biotechnol Biotechnol Equip 2015; 29(10): 200-204
Dental caries, prevalence and risk factors in patients with Crohn's disease	PLoS ONE 2014; 9(3): e91059 doi: 10.1371/journal.pone.0091059
Effects of <i>Lactobacillus salivarius</i>-containing tablets on caries risk factors: a randomized open-label clinical trial	BMC Oral Health 2014; (14): 110