



Resin-based sealing vs resin-modified glass-ionomer filling for treatment of occlusal cavitated dentine caries lesions in primary molars – a multi-center randomized controlled split-mouth 3-year follow-up clinical trial	Eur Arch Paed Dent 2026; 27: 1065-75
Photodynamic therapy, ozonated water, and diode laser efficacy in removing smear layer in carious dentin and their effect on bond integrity to composite resin	Photobiomod Photomed Laser Surg 2025; 43(9): 425-433
Hypochlorous acid as a potential cavity conditioner for caries-affected dentin	Scientific Reports 2025; 15: 21438
Outcome of Er, Cr:YSGG laser and antioxidant pretreatments on bonding quality to caries-induced dentin	BMC Oral Health 2025; 25(1): 66
Assessment of two methods for detecting carious dentin: an in vitro study	BMC Oral Health 2025; 25(1): 258
Bond preservation in caries-affected dentin restored with acrylamide-based adhesives [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dental Materials 2025; 41(7): 788-797
Comparative analysis of deep dentinal caries microbiota in teeth with normal pulp, reversible pulpitis, symptomatic and asymptomatic irreversible pulpitis [Accessible from the Wiley link on this page]	Int Endod J 2025; 58(6): 916-928
Ion-releasing restorative materials and dentin remineralization: current strategies and future perspectives [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dental Materials 2025; 41(10): 1251-1265
The impact of light curing on the efficacy of silver diamine fluoride in arresting dentinal caries: an in vitro study	BMC Oral Health 2025; 25(1): 1792
Biological properties of a novel solution based on silver nanoclusters for arresting dentin caries	Front Oral Health 2024; (5): 1408181
Restorations performance after selective caries removal to soft dentine: 18-month follow-up of a controlled 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; 147: 105099
Material of choice for non-invasive treatment of dentin caries: An in vitro study using natural carious lesions [Accessible from the Wiley link on this page]	Int J Dent Hyg 2024; 22(3): 689-695
Effect of silver diamine fluoride on the longevity of the bonding properties to caries-affected dentine [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2024; 143: 104897
Comparative evaluation of the efficiency of polymer bur, Cera bur, and tungsten carbide bur in dentin caries excavation of mandibular primary molars: an in vivo study	J Pharm Bioallied Sci 2024; 16(Suppl 2): S1442-S1446



In vitro effect of TiF4/NaF solution on the development of radiation-induced dentin caries	J Appl Oral Sci 2024; 32: e20240024
The effect of silver nanoparticles in addition to sodium fluoride on remineralization of artificial root dentin caries [Accessible from the Wiley link on this page]	Aust Dent J 2024; 69(1): 56-66
Dentine surface morphology according to caries removal method and subsequent acid etching	Eur J Paediatr Dent 2024; 25: 1
Fungi and bacteria occupy distinct spatial niches within carious dentin	PLoS Pathogens 2024; 20(5): e1011865
The anti-caries effects of a novel peptide on dentine caries: An in vitro study	Int J Mol Sci 2023; 24(18): 14076
Enhanced bonding to caries-affected dentin using an isocyanate-based primer [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102(13): 1444-1451
Efficacy of antiseptics and chemomechanical methods for dentin caries lesions: A systematic review with GRADE approach	Front Oral Health 2023; 4: 1110634
Evaluating the shear bond strength and remineralization effect of calcium silicate-based and conventional self-adhesive resin cements to caries-affected dentin	Clin Exp Dent Res 2022; Oct 03
Comparison of the collagen features of distinct types of caries-affected dentin [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2022; Sep 24: 104310
In vivo performance of near-infrared light transillumination for dentine proximal caries detection in permanent teeth	Saudi Dent J 2022; 32 (4): 187-193
Dentin degradonomics - The potential role of salivary MMP-8 in dentin caries	J Clin Exp Dent 2020; 12 (2): e108-e115
Effect of casein phosphopeptide-amorphous calcium phosphate on fluoride release and micro-shear bond strength of resin-modified glass ionomer cement in caries-affected dentin	Restor Dent Endod 2018; 43 (4): e45
Comparison of dentin caries remineralization with four bioactive cements (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Eur J Prosthodont Restor Dent 2022; 30 (3): 223-229
Deep dentine caries management of immature permanent posterior teeth with vital pulp: A systematic review and 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; (124): 104214
Ultrasound device as a minimally invasive approach for caries dentin removal	Braz Dent J 2022; 33 (1): 57-67
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



Remineralising dentine caries using an artificial antimicrobial peptide: An in vitro study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (111): 103736
Effect of silver diammine fluoride and glass ionomer on remineralisation of natural dentine caries [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2021; (106): 103578
The frequency of enamel and dentin caries lesions among elderly Norwegians [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2020; 78 (1): 6-12
In vitro comparison of two photostimulable phosphor plate systems for early detection of occlusal dentin caries with and without a sharpening filter	J Dent Res Dent Clin Dent Prosp 2020; 14 (4): 223-227
Inhibition of dentine caries using fluoride solution with silver nanoparticles: An in vitro study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2020; (103): 103512
Biomimetic remineralization of artificial caries dentin lesion using Ca/P-PILP [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2020; 36 (11): 1397-1406
A randomized clinical trial to arrest dentin caries in young children using silver diamine fluoride [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2020; (99): 103375
How to intervene in the caries process: dentin caries in primary teeth	Caries Res 2020; 54 (4): 306-323
A 24-month randomized controlled trial on the success rates of restoring untreated and SDF-treated dentine caries lesions in primary teeth with the ART approach [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2020; (99): 103375
(Deep) Dentine caries and restorative care: Adopted by the FDI General Assembly: 7 September 2018, Buenos Aires, Argentina	Int Dent J 2019; 69 (1): 7-8
Long-term survival of different deep dentin caries treatments: A 5-year clinical study [Not included in the loan package]	Nigerian J Clin Pract 2019; 22 (1): 117-124
Efficacy of 30% silver diamine fluoride compared to atraumatic restorative treatment on dentine caries arrestment in primary molars of preschool children: a 12-months parallel randomized controlled clinical trial [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2019; (88): 103165
The prevalence of enamel and dentine caries lesions and their determinant factors among children living in fluoridated and non-fluoridated areas (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Comm Dent Health 2019; 36 (3): 229-236



Remineralization effects of conventional and experimental ion-releasing materials in chemically or bacterially-induced dentin caries lesions [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2019; 35 (5): 772-779
Arresting dentine caries with silver diamine fluoride: what's behind it? [can be accessed on DOSS free by logging in on this page]	J Dent Res 2018; 97 (7): 751-758
Bonding to sound and caries-affected dentin: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	J Adhes Dent 2018; 20 (1): 7-18
Caries-arresting effects of silver diamine fluoride and sodium fluoride on dentine caries lesions [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2018; (78): 65-71
Three-dimensional diagnosis of dentin caries beneath composite restorations using swept-source optical coherence tomography	Dent Mater J 2018; 37 (4): 642-649
Arresting simulated dentine caries with adjunctive application of silver nitrate solution and sodium fluoride varnish: an in vitro study	Int Dent J 2017; 67 (4): 206-214
What proportion of caries into dentine at age 5 is present at age 3? (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Comm Dent Health 2017; 34 (2): 93-96
Sealing occlusal dentin caries in permanent molars: 7-year results of a randomized controlled trial (request using https://www.smartsurvey.co.uk/s/PJHMY/)	JDR Clin Translational Res 2017; 2 (1): 73-86
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In vivo effect of calcium hydroxide and resin-modified glass ionomer cement on carious dentin permanent molars: an ultrastructural and macroscopic study [can be accessed on DOSS free by logging in on this page]	Pediatr Dent 2017; 39(1): E1-8
Effectiveness of casein phosphopeptide-amorphous calcium phosphate and lysozyme, lactoferrin, and lactoperoxidase in reducing <i>streptococcus mutans</i> counts in dentinal caries (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Gen Dent 2017; 65(2):47-50
Dentin caries risk indicators in 1-year-olds. A two year follow-up study **	Acta Odontol Scand 2016; 74 (8): 613-619
Ecological hypothesis of dentin and root caries **	Caries Res 2016; 50 (4): 422-431
In vivo validation of near-infrared light transillumination for interproximal dentin caries detection **	Clin Oral Invest 2016; 20 (4): 821-829
Dentin caries progression and the role of metalloproteinases: an update **	Eur J Paediatr Dent 2016; 17 (3): 243-247
Restorative approaches to treat dentin caries in preschool children: systematic review	Eur J Paediatr Dent 2016; 17 (2): 113-121



A randomized clinical trial on arresting dentine caries in preschool children by topical fluorides—18 month results [free to members on Science Direct. If you do not have a login email library@bda.org to request one] **	J Dent 2016; (44): 57-63
Non-surgical treatment of dentin caries in preschool children – systematic review	BMC Oral Health 2015; 15: 44
Exposed collagen in resin bonds to caries-affected dentin after dentin treatment with aqueous and alcoholic chlorhexidine solutions ** [can be accessed on DOSS free by logging in on this page]	J Adhes Dent 2014; 16 (1): 21-28
Effect of caries removal techniques on the bond strength of adhesives to caries-affected primary dentin in vitro ** (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Eur J Paediatr Dent 2013; 14 (3): 209-214
Bonding of simplified adhesive systems to caries-affected dentin of primary teeth ** [can be accessed on DOSS free by logging in on this page]	J Adhes Dent 2013; 15 (5): 439-445
Randomized clinical trial on effectiveness of silver diamine fluoride and glass ionomer in arresting dentine caries in preschool children [free to members on Science Direct. If you do not have a login email library@bda.org to request one] **	J Dent 2012; 40 (11): 962-967
Evaluation of micro-tensile bond strength of caries-affected human dentine after three different caries removal techniques [free to members on Science Direct. If you do not have a login email library@bda.org to request one] **	J Dent 2012; 40 (10): 793-801
Efficacy of a non-drilling approach to manage non-cavitated dentin occlusal caries in primary molars: a 12-month randomized controlled clinical trial ** [Accessible from the Wiley link on this page]	Int J Paediatr Dent 2012; 22 (1): 44-51
In vivo acid etching effect on bacteria within caries-affected dentin **	Caries Res 2010; 44 (5): 472-477
Effect of clinical cross-linkers on caries-affected dentin bonding **	J Dent Res 2009; 88 (12): 1096-1100
Evaluation of the antimicrobial effect of photodynamic antimicrobial therapy in an in situ model of dentine caries ** [Accessible from the Wiley link on this page]	Eur J Oral Sci 2009; 117 (5): 568-574
Economic aspects of the detection of occlusal dentine caries [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 2009 <u>67</u> 38-43
An in vitro investigation of marginal dentine caries abutting composite resin and glass ionomer cement restorations	Aust Dent J 2007 <u>52</u> 187-192
The monitoring of deep caries lesions after incomplete dentine caries removal: results after 14-18 months [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2006 <u>10</u> (2) 134-139
Relationship between large tubules and dentin caries in human deciduous tooth	Bull Tokyo Dent Coll 2005 <u>46</u> (1-2) 7-15



The photo-activated antibacterial action of toluidine blue O in a collagen matrix and in carious dentine (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Caries Res 2004 <u>38</u> 530-536
An in vitro investigation of penetration depth of dentine bonding agents into carious dentine [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2004 <u>31</u> 1053-60
In vitro validation of carious dentin removed using different excavation criteria (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Am J Dent 2003 <u>16</u> 228-30
Microtensile bond strength of total-etch and self-etching adhesives to caries-affected dentine (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Dent 2003 <u>31</u> 469-77
New device for selective dentin caries removal [can be accessed on DOSS free by logging in on this page]	Quint Int 2003 <u>34</u> 678-85
Pain prediction for preventive non-operative management of dentinal caries in primary teeth in general dental practice [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2003 <u>195</u> 202-6
Detection of dentine caries using oblique lateral radiograph [Accessible from the Wiley link on this page]	Int J Paed Dent 2000 <u>10</u> 145-9
Fractional inhibitory concentration index of combinations of antibacterial agents against cariogenic organisms (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Dent 2000; <u>28</u> : 565-570
Dentine caries excavation: a review of current clinical techniques [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 2000 <u>188</u> (9) 476-82
Microhardness of carious deciduous dentine (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Operative Dent 2000 <u>25</u> 81-9
Occlusal caries detection with KaVo DIAGNOdent and radiography: an in vitro comparison (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Caries Res 2000 <u>34</u> 151-8
Clinical and radiographic judgement of occlusal caries in adolescents [Accessible from the Wiley link on this page]	Eur J Oral Sci 2000 <u>108</u> 93-8
In vitro evaluation of five alternative methods of carious dentine excavation (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Caries Res 2000 <u>34</u> 144-50
Scanning electron microscopic observations of human dentine after mechanical caries excavation (request using https://www.smartsurvey.co.uk/s/PJHMV/)	J Dent 2000 <u>28</u> (3) 179-186
Effect of a chemo-mechanical caries removal system (Carisolv) on dentin topography of non-carious dentin [can be accessed on DOSS free by logging in on this page]	Acta Odontol Scand 1999 <u>57</u> 185-189



A confocal microscopic study relating the autofluorescence of carious dentine to its microhardness [Log in to the BDA home page and follow the link to the BDJ to access]	Br Dent J 1999 <u>187</u> (4) 206-210
In vivo cariostatic effect of resin modified glass ionomer cement and amalgam on dentine (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1997 <u>31</u> 384-9
Diffusion of resin monomers through human carious dentin in vitro [Accessible from the Wiley link on this page]	Endod Dent Traumatol 1997 <u>13</u> (1) 1-5
Occlusal "hidden caries" (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Dent Update 1997 <u>24</u> (5) 182-184
Criteria for caries removal at the enamel-dentine junction: a clinical and microbiological study (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1996 <u>180</u> (8) 287-91
Validity of clinical judgements for the presence of secondary caries associated with defective amalgam restorations (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Br Dent J 1994 <u>177</u> (3) 89-93
Variations among dentists in radiographic detection of occlusal caries (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1994 <u>28</u> 169-175
Clinical diagnosis of occlusal dentin caries (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1994 <u>28</u> 368-372
A quantitative comparison of selected bacteria in human carious dentine by microscopic counts (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1994 <u>28</u> 137-145
The effect of glass-ionomer cement on carious dentine: an in-vivo study (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1993 <u>27</u> 417-423
Correlation between thermal sensitivity and microorganisms isolated from deep carious dentin (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	J Endod 1993 <u>19</u> (1) 26-30
The association of carious dentin microflora with tissue changes in human pulpitis [can be accessed on DOSS free by logging in on this page]	Oral Microbiol Immunol 1993 <u>8</u> 30-35
Factors influencing the occurrence of pain in carious teeth (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Proc Finn Dent Soc 1992 <u>88</u> (supp 1)
Histopathology of the pulp in primary incisors with deep dentinal caries (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Pediatr Dent 1992 <u>14</u> 1372-75
Prevalence of clinically undetected and untreated molar occlusal dentine caries in adolescents on the Isle of Wight (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1992 <u>26</u> 397-401
Human root caries: histopathology of arrested lesions (request using https://www.smartsurvey.co.uk/s/PJHMOV/)	Caries Res 1992 <u>26</u> 153-164



Clinically undetected occlusal dentine caries: a radiographic comparison (request using <https://www.smartsurvey.co.uk/s/PJHMV/>)

Caries Res 1992 26 305-309

Increased resistance to artificial caries-like lesions in dentin treated with Co2 laser (request using <https://www.smartsurvey.co.uk/s/PJHMV/>)

Caries Res 1992 26 170-175

Prevalence of hidden caries (request using <https://www.smartsurvey.co.uk/s/PJHMV/>)

J Dent Child 1992 59 408-412

A comparison of digital and optical criteria for detecting carious dentin (request using <https://www.smartsurvey.co.uk/s/PJHMV/>)

J Prosthet Dent 1985 53 (5) 643-646