



PERIODONTAL DISEASE - DIABETES

Periodontitis and diabetes: a bidirectional link	Acta Diabetologica 20-26; 63(7): 1165-1177
Association of periodontitis stages with glycemic control in adults with and without type 2 diabetes mellitus: a cross-sectional study	J Appl Oral Sci 2026; 34: e20260178
Combined effect of nitrate levels and diabetes on the risk of severe periodontitis: a cross-sectional study	Oral Health Prevent Dent 2026; 24: 577-587
Association of periodontal condition with insulin sensitivity – results of the Oulu1935 cohort study	Acta Odont Scand 2026; 85: 434-44
Dental caries and periodontal status in children and adolescents with type 1 diabetes mellitus: an umbrella review	Eur Arch Paediatr Dent 2026; online 10 June: 52536636
Diabetes and periodontal disease: exploring awareness and current practice in a medical cohort in Scotland	BDJ (2026). https://doi.org/10.1038/s41415-026-9625-7
Exploring the association between prophylaxis and diabetic complications among adults with diabetes and periodontal disease [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2026; 157(3): 266-275
The effect of periodontal intervention on HbA1c Levels in patients with type 2 diabetes mellitus: a randomized controlled study	J Pharm Bioall Sci 2026; 18(Suppl 1): S215-S217
Impact of severe periodontitis and diabetes mellitus on recurrent cardiovascular outcomes	J Periodont 2026; online 6 March: jper.70086
A clinical next-generation sequencing study on the microbial profiles of asymptomatic apical periodontitis in type 2 diabetic and systemically healthy individuals following adjuvant antimicrobial photodynamic therapy	Clinical Oral Investigations 2026; 30 (2): 75
Inflammatory mediators linking periodontal disease and gestational diabetes mellitus: biological plausibility and clinical implications	Periodont Implant Res 2026; 10(3): doi 10.1007/s41894-026-00170-5
Effects of periodontitis on micro and macro vascular complications of diabetes: a systematic review	J Adv Periodontol Implant Dent 2025; 18(1): 48–54.
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The impact of systemic administration of polyphenols on periodontitis associated with diabetes mellitus: a systematic review	Acta Odontol Scand 2024; 83: 238-248
Exploring the risk factors and clustering patterns of periodontitis in patients with different subtypes of diabetes through machine learning and cluster analysis	Acta Odontol Scand 2024; 83: 653-665
Periodontitis and diabetes complications: a Danish population-based study (request using https://www.smartsurvey.co.uk/s/PJHMY/)	J Dent Res 2024; 103 (9): 870-877



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Type 2 diabetes aggravates periodontitis-induced pathological changes in the dental pulp [Accessible from the Wiley link on this page]	Oral Diseases 2024; 30(5): 3250-3260
Diabetes mellitus and periodontal disease: a new perspective [can be accessed on DOSS free by logging in on this page]	Primary Dent J 2024; 13(2): 73-78
Effect of non-surgical periodontal therapy on hemoglobin A1c in periodontitis patients without diabetes mellitus: 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 Dentistry 2024; 145: 104974
Relationship between diabetes mellitus and periodontal/peri-implant disease: a contemporaneous review	Int Dent J 2024; 74(3): 426-445
The impact of different states of type 2 diabetes when stratified by baseline HbA1c on the periodontal outcomes of non-surgical periodontal treatment: A systematic review and network meta-analysis [Accessible from the Wiley link on this page]	Int J Dent Hygiene 2024; 22(2): 401-413
Contribution of diabetes mellitus to periodontal inflammation during orthodontic tooth movement [Accessible from the Wiley link on this page]	Oral Diseases 2024; 30(2): 650-659
Effect of periodontal therapy on glycaemic control in type 2 diabetes [Accessible from the Wiley link on this page]	J Clin Periodont 2024; online Jan 3 10.1111/jcpe.13939
The effect of antimicrobial photodynamic therapy on periodontal disease and glycemic control in patients with type 2 diabetes mellitus	Clin Oral Invest 2023; 27 (10): 6235-6244
Co-occurrence of periodontitis and diabetes-related complications [can be accessed on DOSS free by logging in on this page]	J Dent Res 2023; 102 (10): 1088-97
Age differences in the effects of multi-component periodontal treatments on oral and metabolic health among people with diabetes mellitus: A meta-epidemiological study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2023;(135): 104594
Prevalence of undiagnosed diabetes and prediabetes related to periodontitis and its risk factors in elderly individuals	J Dent 2023;(132): 104480
Diabetes mellitus and periodontal disease: the profession's choices [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2022; 233: 537-8
Single-cell transcriptomic atlas of gingival mucosa in type 2 diabetes [can be accessed on DOSS free by logging in on this page]	J Dent Res 2022; 101 (13): 1654-64
Gut microbiota may mediate the influence of periodontitis on prediabetes [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100 (12): 1387-1396
The prevalence of potentially undiagnosed type II diabetes in patients with chronic periodontitis attending a general dental practice in London - a feasibility study [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2021; 231: 180-6



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Patient involvement to explore research prioritisation and self-care management in people with periodontitis and diabetes [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2021; 231 (1): doi.org/10.1038/s41415-021-3175-9
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An umbrella review of systematic reviews examining the relationship between type 2 diabetes and periodontitis: Position paper from the Canadian Dental Hygienists Association	Can J Dent Hyg 2021; 55(1): 57-67
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The added value of periodontal measurements for identification of diabetes among Saudi adults [Accessible from the Wiley link on this page]	J Periodontol 2021; 92(1): 62-71
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Calprotectin levels in gingival crevicular fluid and serum of patients with chronic periodontitis and type 2 diabetes mellitus before and after initial periodontal therapy [can be accessed on DOSS free by logging in on this page]	J Periodont Res 2021; 56(1): 121-130
The importance of integrated healthcare in the association between oral health and awareness of periodontitis and diabetes in type 2 diabetics	Oral Health Prev Dent 2021; 19(1): 1-6
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A quantitative bias analysis to assess the impact of unmeasured confounding on associations between diabetes and periodontitis [Accessible from the Wiley link on this page]	J Clin Perio 2021; 48 (1): 51-60



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A cross-link between diabetes mellitus type 2 and periodontal disease	Tandlaegebladet 2020; 124(1): 24-29
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Periodontal treatment experience associated with oral health-related quality of life in patients with poor glycemic control in type 2 diabetes: A case control study	Int J Environ Res Public Health 2019; 16(20): E4011
Systemic doxycycline as an adjunct to scaling and root planning in diabetic patients with periodontitis: A systematic review and meta-analysis	BMC Oral Health 2019; 19 (1): 209-219
Periodontitis links to exacerbation of myocardial dysfunction in subjects with type 2 diabetes [can be accessed on DOSS free by logging in on this page]	J Periodontal Res 2019; 54 (4): 339-348
Characterization of periodontitis in people with type 1 diabetes of 50 years or longer duration [can be accessed on DOSS free by logging in on this page]	J Periodontol 2019; 90 (6): 565-575
The salivary microbiome of diabetic and non-diabetic adults with periodontal disease [can be accessed on DOSS free by logging in on this page]	J Periodontol 2019; (90): 26-34
Effect of non-surgical periodontal therapy on insulin resistance and insulin sensitivity among individuals with borderline diabetes: a randomized controlled trial [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2019; 85: 18-24
An audit investigating the management of diabetic patients in general practice, in relation to periodontal health (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Dent Update 2019; (46): 81-84
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Efficacy of systemic antibiotics in nonsurgical periodontal therapy for diabetic subjects: a systematic review and meta-analysis	Int Dent J 2018; (68): 207-220
Prevalence of diabetes mellitus in people clinically diagnosed with periodontitis: a systematic review and meta-analysis of epidemiologic studies [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2018; (45): 650-662
Scientific evidence on the links between periodontal diseases and diabetes: consensus report and guidelines of the Joint Workshop on Periodontal Diseases And Diabetes by the International Diabetes Federation and the European Federation of Periodontology [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2018; (45): 138-149
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The number of microvascular complications is associated with an increased risk for severity of periodontitis in type 2 diabetes patients: results of a multicenter hospital-based cross-sectional study	J Diabetes Invest 2017; (8): 677-686
Comparison of periodontal and peri-implant inflammatory parameters among patients with prediabetes, type 2 diabetes mellitus and non-diabetic controls [can be accessed on DOSS free by logging in on this page]	Acta Odonto Scand 2017; 75(5): 319-324
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Influence of diabetes in the development of apical periodontitis: a critical literature review of human studies [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Endod 2017; 43: 370-376
Association of periodontal destruction and diabetes with mortality [can be accessed on DOSS free by logging in on this page]	J Dent Res 2017; 96(1): 56-63
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The effect of periodontal therapy on glycemic control and fasting plasma glucose level in type 2 diabetic patients: systematic review and meta-analysis	BMC Oral Health 2017; 17: 31
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Propolis improves periodontal status and glycemic control in patients with type 2 diabetes mellitus and chronic periodontitis: a randomized clinical trial [can be accessed on DOSS free by logging in on this page]	J Periodontol 2016; (87): 1418-1426
Efficacy of local antimicrobials in the non-surgical treatment of patients with periodontitis and diabetes: a systematic review [can be accessed on DOSS free by logging in on this page]	J Periodontol 2016; (87): 1406-1417
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Association between periodontitis and gestational diabetes mellitus: systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	J Periodontol 2016; 87: 48-57
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Correlation between SNP genotypes and periodontitis in Japanese type II diabetic patients: a preliminary study [can be accessed on DOSS free by logging in on this page]	Odontology 2015; 103: 233-240
Pre-diabetes and well-controlled diabetes are not associated with periodontal disease: the ship trend study [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2015; 42: 422-30
Periodontal inflammatory conditions among smokers and never-smokers with and without type 2 diabetes mellitus [can be accessed on DOSS free by logging in on this page]	J Periodontol 2015; 86: 839-46
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Effects of doxycycline on clinical, microbiological and immunological parameters in well-controlled diabetes type-2 patients with periodontal disease: a randomized controlled trial [can be accessed on DOSS free by logging in on this page]	J Clin Periodontol 2014; 41: 972-80
Effect of nonsurgical periodontal therapy versus oral hygiene instructions on type 2 diabetes subjects with chronic periodontitis: a randomised clinical trial	BMC Oral Health 2014; (14): 79