



IMPLANTS: RISK FACTORS

Survival and risk factors of implants placed in sites of previous failures—a nationwide retrospective cohort study [Accessible from the Wiley link on this page]	J Clin Perio 2026; online 14 July 10.1111/jcpe.70162
Effect of smoking intensity on clinical outcomes of implants placed with simultaneous guided bone regeneration: a 5-year retrospective study	J Oral Sci 2026; 68 (3): 158-63
Implant complications in additional needs and geriatric patients: a case report (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Dental Update 2026; 53 (5): 334-8
Risk factors for implant failure of implant-supported fixed full-arch rehabilitation in edentulous maxillae and mandibles: A 1- to 7-year retrospective study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2025; 163: 106146
Hypervitaminosis D is correlated with adverse dental implant outcomes: A retrospective case-control study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dentistry 2024; 147: 105137
Retrospective assessment of patients' risk for peri-implant diseases using the implant disease risk assessment (IDRA) tool: A cohort study [Accessible from the Wiley link on this page]	Clin Impl Dent Rel Res 2024; 26(5): 1056-1066
Risk factors associated with early implant failure: A retrospective review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Stomatol Oral Maxillofac Surg 2024; 125: 101749
Prediabetes and poorly controlled type-2 diabetes as risk indicators for peri-implant diseases: A systematic review and meta-analysis	J Dentistry 2024; 146: 105094
Guided placement of zygomatic implants in head and neck cancer patients: implant survival and patient outcomes at 1–3 years of follow-up	Int J Oral Maxillofac Surg 2024; 53 (7): 600-6
Clinical and radiographic outcomes around 4 mandibular implant-retained overdentures in individuals with type 2 diabetes: A long-term retrospective study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dentistry 2024; 145: 104982
The impact of electronic cigarettes on peri-implant health: 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 2024; 143: 104883
Radiographic bone loss around dental implants: a large-cohort, long-term follow-up revealing prevalence and predictive factors [can be accessed on DOSS free by logging in on this page]	Quint Int 2024; 55 (4): 296-303
History of periodontitis as a risk factor for implant failure and incidence of peri-implantitis: A systematic review, meta-analysis, and trial sequential analysis of prospective cohort studies	Clin Implant Dent Rel Res 2024; online 8 May doi.org/10.1111/cid.13330
Bruxism and dental implants: A systematic review and meta-analysis	J Oral Rehabil 2024; 51(1): 202-17



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Risk factors for early dental implant failure [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2024; 39(1): 162-172
Oral implant rehabilitation under general anesthesia for patients with cognitive and physical disabilities: A 14-year cohort study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2024; online 30 Jan: doi.org/10.1016/j.prosdent.2024.01.012
Clinical impact on dental implant survival in patients taking antiresorptive medications: a systematic review and meta-analysis [Accessible from the link on this page]	J Oral Implantol 2023; 49(6): 599-615
Risk factors associated with early implant failure: a retrospective review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Stomatol Oral Maxillofac Surg 2023; online 23 Dec: 101749
Medication-related osteonecrosis of the jaw induced by regenerative therapy in implant dentistry: a scoping review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dentistry 2023; 138: 104682
Dental rehabilitation in irradiated oral cancer patients using patient-specific dental implants – clinical outcome and oral health-related quality of life [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Stomatol Oral Maxillofac Surg 2023; online 31 Oct: 101674
Influence of dentist-related risk factors on implant survival provided by dentists without structured training: results of a retrospective cross-sectional study [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2023; 38 (3): 553-561
Do dental implants placed in patients with osteoporosis have higher risks of failure and marginal bone loss compared to those in healthy patients? A systematic review with meta-analysis [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2023; 27 (6): 2483-93
Marginal bone loss around dental implants: comparison between diabetic and non-diabetic patients—a retrospective clinical study [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2023; 27 (6): 2833-41
The impact of smoking on peri-implant microbiota: 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 2023; (133): 104525
Medical considerations in the ageing implant patient	Oral Surg 2023; online 27 May doi.org/10.1111/ors.12821
Clinical outcomes of dental implants in head and neck cancer patients: An overview [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Oral Surg Oral Med Oral Pathol 2023; 136 (1): 42-53



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Influence of clinician gender, age, and geographic work location on the relative rankings of risk factors for biological complications with dental implant therapy [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2023; 129 (4): 582-588
Evaluating the osteogenic potential of insulin-like growth factor-1 microspheres on osteoblastic activity around dental implants in patients with type 2 diabetes mellitus using bone scintigraphy: A split-mouth randomized controlled trial [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2023; 129 (4): 561-565
Is Down syndrome a risk factor or contraindication for dental implants? A systematic review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2023; 129 (4): 531-537
Marginal bone loss around dental implants: comparison between matched groups of bruxer and non-bruxer patients: A retrospective case-control study	Clin Impl Dent Relat Res 2023; 25 (1): 124-132
Dental implantology and fibrous dysplasia: A 6-year follow-up case report and a literature review	Oral Surg 2023; 16 (1): 126-32
Selective serotonin reuptake inhibitors as a risk factor for dental implant failure: a retrospective clinical study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Br J Oral Maxillofac Surg 2022; 60 (10): 1347-52
Peri-implant clinicoradiographic status among betel-quid chewers and controls	Braz Dent J 2022; 33 (4): 87-96
Successful osseointegrated implants in hypertensive patients: retrospective clinical study [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2022; 37 (3): 501-507
Analysis of implant loss risk factors after simultaneous guided bone regeneration: a retrospective study of 5404 dental implants [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2022; 24 (3): 276-286
Failure of dental implants and associated risk factors in a university setting [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2022; 37 (3): 455-463
Implants in GBR-augmented sites in patients treated for generalized aggressive periodontitis: a 10- to 20-year prospective case series [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2022; 42 (2): 243-250
Effect of soft tissue condition on peri-implant health and disease: a retrospective clinical study [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2022; 42 (2): e51-e58
Impact of smoking on peri-implant bleeding on probing [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2022; 24 (2): 151-165
Predicting the risk of dental implant loss using deep learning [Accessible from the Wiley link on this page]	J Clin Perio 2022; 49 (9): 872-83



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The role of cigarette smoking in periodontal disease and treatment outcomes of dental implant therapy [Accessible from the Wiley link on this page]	Perio 2000 2022; online 11 Aug doi.org/10.1111/prd.12449
Survival rates of dental implants in patients with head and neck pathologies: 12-year single-operator study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Oral Surg Oral Med Oral Pathol Oral Radiol 2022; 134 (1): 28-35
Radiotherapy and the survival of dental implants: a systematic review [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Br J Oral Maxillofac Surg 2022; 60 (4): 422-9
Bleeding disorders in implant dentistry: a narrative review and a treatment guide	Int J Implant Dent 2022; 8: Art 20
The role of systemic diseases and local conditions as risk factors	Perio 2000 2022; 88: 36-51
Influence of glycemic control on the survival of implants placed in the zygomatic bone of edentulous patients with and without type 2 diabetes mellitus: 10-year follow-up results [Accessible from the link on this page]	J Oral Implantol 2022 48 (1): 21-26
Biological mechanisms underlying complications related to implant site preparation	Perio 2000 2022; 88: 52-63
Systematic review on diabetes mellitus and dental implants: an update	Int J Impl Dent 2022; 8: Art 1
Influence of moderate cigarette smoking on the peri-implant clinicoradiographic inflammatory parameters around cement- and screw-retained dental implants [Accessible from the link on this page]	J Oral Implantol 2021 47 (6): 473-477
Clinical outcomes of dental implants placed in the same region where previous implants failed due to peri-implantitis: a retrospective study	Int J Impl Dent 2021; 7: Art 109
Influence of medical and geriatric factors on implant success: an overview of systematic reviews [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2021; 34 (supplement): s21-s26
Does HIV infection affect the survival of dental implants? 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 Prosthet Dent 2021; 125: 862-9
Success rate and safety of dental implantology in patients treated with antiresorptive medication: A systematic review [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2021; 47(2): 169-180
Influence of smoking on dental implant osseointegration: a radiofrequency analysis of 194 implants [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2021; 47(2): 110-117
Medically complex dental implant patients: controversies about systemic disease and dental implant success/survival [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dental Clin N Am 2021; 65 (1): 1-19



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Biofilm as a risk factor in implant treatment [Accessible from the Wiley link on this page]	Periodontology 2000; 2019 (81): 29-40
Osseointegration of dental implants in organ transplant patients undergoing chronic immunosuppressive therapy [Accessible from the Implant Dentistry link on this page]	Implant Dent 2019; (28): 447-454
Dental implants in immunocompromised patients: a systematic review and meta-analysis	Int J Implant Dent 2019; (5): 43
Tobacco-product usage as a risk factor for dental implants [Accessible from the Wiley link on this page]	Periodontology 2000; 2019 81 (1): 48-56
Genetic involvement in dental implant failure: association with polymorphisms of genes modulating inflammatory responses and bone metabolism [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2019; (45): 318-326
Anatomic factors as contributing risk factors in implant therapy [Accessible from the Wiley link on this page]	Periodontology 2000; (2019): 64-75
Influence of diabetes on the survival rate and marginal bone loss of dental implants: an overview of systematic reviews [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2019; (45): 334-340
Risk of dental implant failure associated with medication use [Accessible from the Wiley link on this page]	J Prosthodont 2019; (28): 743-749
Patient compliance as a risk factor for the outcome of implant treatment [Accessible from the Wiley link on this page]	Periodontology 2000; 2019 (81): 209-225
Is there an association between overweight/obesity and dental implant complications? 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]	Int J Oral Maxillofac Surg 2019; (48): 1241-1249
Biomaterial and biomechanical considerations to prevent risks in implant therapy [Accessible from the Wiley link on this page]	Periodontology 2000; 2019 (81): 139-151
Clinical management protocol for dental implants inserted in patients with active lichen planus. Part II 4-year follow-up [Accessible from the Wiley link on this page]	J Prosthodont 2019; (28): 519-525
Chronic hyperglycemia as a risk factor in implant therapy [Accessible from the Wiley link on this page]	Periodontology 2000; 2019 (81): 57-63
Patient-centered risk assessment in implant treatment planning [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2019; 34(2): 506-520
Are there contraindications for placing dental implants? [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: 345-362



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Relationship between selective serotonin reuptake inhibitors and the risk of dental implant failure [Accessible from the Wiley link on this page]	J Prosthodont 2019; 28 (3): 252-257
Effect of dental implant surface roughness in patients with a history of periodontal disease: a systematic review and meta-analysis	Int J Implant Dent 2019; 5(1): 1-12
Cigarette smoke and e-cigarette vapor dysregulate osteoblast interaction with titanium dental implant surface [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2019; 45(1): 1-11
Outcomes of implant-based oral rehabilitation in head and neck oncology patients – a retrospective evaluation of a large, single regional service cohort	Int J Implant Dent 2019; 5(8): 1-13
Monte Carlo simulation of reasons for early failure of implants: effects of two risk factors [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Br J Oral Maxillofac Surg 2019; 57: 12-20
A prospective, controlled, multicentre study to evaluate the clinical outcome of implant treatment in women with osteoporosis/osteopenia: 5-year results	J Dent Res 2019; 98(1): 84-90
Implant placement for patients with cleft lip and palate: a clinical report and guidelines for treatment [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2019; (121): 9-12
Influence of involuntary cigarette smoke inhalation on osseointegration: a systematic review and meta-analysis of preclinical studies [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Int J Oral Maxillofac Surg 2018; (47): 764-772
Prognosis of dental implants in patients with low bone density: 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 Prosthet Dent 2018; (120): 668-677
Experience with bruxism in the everyday oral implantology practice in the Netherlands: a qualitative study	BDJ Open 2018; (4): 17040
Implant-supported prostheses in patient with Sjögren's Syndrome: clinical report with 3-year follow-up	Bull Tokyo Dent Coll 2018; 59(3): 201-206
Diagnosis, avoidance and management of complications of implant-based treatments [can be accessed on DOSS free by logging in on this page]	Eur J Oral Implantol 2018; 11(Suppl1): S21-S25
Multifaceted roles of environmental factors toward dental implant performance: observations from clinical retrievals and <i>in vitro</i> testing [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2018; (34): e265-e279
Oral implant survival in patients with bisphosphonate (BP)/antiresorptive and radiation therapy and their impact on osteonecrosis of the jaws. A systematic review [can be accessed on DOSS free by logging in on this page]	Eur J Oral Implantol 2018; 11(Suppl1): S93-S111



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Does the intake of selective serotonin reuptake inhibitors negatively affect dental implant osseointegration? A retrospective study [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2018; 44(4): 260-265
Risk factors for implant failure and peri-implant pathology in systemic compromised patients [Accessible from the Wiley link on this page]	J Prosthodont 2018; (27): 409-415
A retrospective study of 30,959 implants: risk factors associated with early and late implant failure [Accessible from the Wiley link on this page]	J Clin Periodontol 2018; 45 (6): 733-743
A review of the outcome of dental implant provision in individuals with movement disorders [can be accessed on DOSS free by logging in on this page]	Eur J Oral Implantol 2018; (Suppl1): S47-S63
Is osteoporosis a risk factor for implant survival or failure [Log in to the BDA home page and follow the link to the BDJ and then EBD to access]	EBD 2018; (19): 51-52
Long-term success of dental implants in patients with head and neck cancer after radiation therapy [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Int J Oral Maxillofac Surg 2018; (47): 783-788
The effect of moderately controlled type 2 diabetes on dental implant survival and peri-implant bone loss: a long-term retrospective study [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2018; (33): 389-394
The medically compromised patient: are dental implants a feasible option? [Accessible from the Wiley link on this page]	Oral Diseases 2018; 24 (1-2): 253-260
Estimating the importance of significant risk factors for early dental implant failure: a Monte Carlo simulation [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2018; (33): 161-168
Factors influencing the fracture of dental implants [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2018; (20): 58-67