



**IMPLANTS: RISK FACTORS**

<p><a href="#">Risk factors for implant failure of implant-supported fixed full-arch rehabilitation in edentulous maxillae and mandibles: A 1- to 7-year retrospective study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dent 2025; 163: 106146</p>
<p><a href="#">Hypervitaminosis D is correlated with adverse dental implant outcomes: A retrospective case-control study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dentistry 2024; 147: 105137</p>
<p>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 <a href="#">on this page</a>]</p>	<p>Clin Impl Dent Rel Res 2024; 26(5): 1056-1066</p>
<p><a href="#">Risk factors associated with early implant failure: A retrospective review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Stomatol Oral Maxillofac Surg 2024; 125: 101749</p>
<p><a href="#">Prediabetes and poorly controlled type-2 diabetes as risk indicators for peri-implant diseases: A systematic review and meta-analysis</a></p>	<p>J Dentistry 2024; 146: 105094</p>
<p><a href="#">Guided placement of zygomatic implants in head and neck cancer patients: implant survival and patient outcomes at 1–3 years of follow-up</a></p>	<p>Int J Oral Maxillofac Surg 2024; 53 (7): 600-6</p>
<p><a href="#">Clinical and radiographic outcomes around 4 mandibular implant-retained overdentures in individuals with type 2 diabetes: A long-term retrospective study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dentistry 2024; 145: 104982</p>
<p><a href="#">The impact of electronic cigarettes on peri-implant health: A systematic review and meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dent 2024; 143: 104883</p>
<p>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 <a href="#">on this page</a>]</p>	<p>Quint Int 2024; 55 (4): 296-303</p>
<p><a href="#">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</a></p>	<p>Clin Implant Dent Rel Res 2024; online 8 May doi.org/10.1111/cid.13330</p>
<p><a href="#">Bruxism and dental implants: A systematic review and meta-analysis</a></p>	<p>J Oral Rehabil 2024; 51(1): 202-17</p>
<p>Risk factors for early dental implant failure [can be accessed on DOSS free by logging in <a href="#">on this page</a>]</p>	<p>Int J Oral Maxillofac Implants 2024; 39(1): 162-172</p>
<p><a href="#">Oral implant rehabilitation under general anesthesia for patients with cognitive and physical disabilities: A 14-year cohort study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Prosthet Dent 2024; online 30 Jan: doi.org/10.1016/j.prosdent.2024.01.012</p>
<p>Clinical impact on dental implant survival in patients taking antiresorptive medications: a systematic review and meta-analysis [Accessible from the link <a href="#">on this page</a>]</p>	<p>J Oral Implantol 2023; 49(6): 599-615</p>



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<p><a href="#">Risk factors associated with early implant failure: a retrospective review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Stomatol Oral Maxillofac Surg 2023; online 23 Dec: 101749</p>
<p><a href="#">Medication-related osteonecrosis of the jaw induced by regenerative therapy in implant dentistry: a scoping review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dentistry 2023; 138: 104682</p>
<p><a href="#">Dental rehabilitation in irradiated oral cancer patients using patient-specific dental implants – clinical outcome and oral health-related quality of life</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Stomatol Oral Maxillofac Surg 2023; online 31 Oct: 101674</p>
<p>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 <a href="#">on this page</a>]</p>	<p>Int J Oral Maxillofac Implants 2023; 38 (3): 553-561</p>
<p>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 <a href="#">on this page</a>]</p>	<p>Clin Oral Invest 2023; 27 (6): 2483-93</p>
<p>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 <a href="#">on this page</a>]</p>	<p>Clin Oral Invest 2023; 27 (6): 2833-41</p>
<p><a href="#">The impact of smoking on peri-implant microbiota: A systematic review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Dent 2023; (133): 104525</p>
<p><a href="#">Medical considerations in the ageing implant patient</a></p>	<p>Oral Surg 2023; online 27 May doi.org/10.1111/ors.12821</p>
<p><a href="#">Clinical outcomes of dental implants in head and neck cancer patients: An overview</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>Oral Surg Oral Med Oral Pathol 2023; 136 (1): 42-53</p>
<p><a href="#">Influence of clinician gender, age, and geographic work location on the relative rankings of risk factors for biological complications with dental implant therapy</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Prosthet Dent 2023; 129 (4): 582-588</p>
<p><a href="#">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</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Prosthet Dent 2023; 129 (4): 561-565</p>
<p><a href="#">Is Down syndrome a risk factor or contraindication for dental implants? A systematic review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]</p>	<p>J Prosthet Dent 2023; 129 (4): 531-537</p>



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<a href="#">Marginal bone loss around dental implants: comparison between matched groups of bruxer and non-bruxer patients: A retrospective case-control study</a>	Clin Impl Dent Relat Res 2023; 25 (1): 124-132
<a href="#">Dental implantology and fibrous dysplasia: A 6-year follow-up case report and a literature review</a>	Oral Surg 2023; 16 (1): 126-32
<a href="#">Selective serotonin reuptake inhibitors as a risk factor for dental implant failure: a retrospective clinical study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Br J Oral Maxillofac Surg 2022; 60 (10): 1347-52
<a href="#">Peri-implant clinicoradiographic status among betel-quid chewers and controls</a>	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	Int J Periodont Rest Dent 2022; 42 (2): e51-e58
Impact of smoking on peri-implant bleeding on probing [Accessible from the Wiley link <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	J Clin Perio 2022; 49 (9): 872-83
The role of cigarette smoking in periodontal disease and treatment outcomes of dental implant therapy [Accessible from the Wiley link <a href="#">on this page</a> ]	Perio 2000 2022; online 11 Aug doi.org/10.1111/prd.12449
<a href="#">Survival rates of dental implants in patients with head and neck pathologies: 12-year single-operator study</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Oral Surg Oral Med Oral Pathol Oral Radiol 2022; 134 (1): 28-35
<a href="#">Radiotherapy and the survival of dental implants: a systematic review</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Br J Oral Maxillofac Surg 2022; 60 (4): 422-9
<a href="#">Bleeding disorders in implant dentistry: a narrative review and a treatment guide</a>	Int J Implant Dent 2022; 8: Art 20
<a href="#">The role of systemic diseases and local conditions as risk factors</a>	Perio 2000 2022; 88: 36-51



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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 <a href="#">on this page</a> ]	J Oral Implantol 2022 48 (1): 21-26
<a href="#">Biological mechanisms underlying complications related to implant site preparation</a>	Perio 2000 2022; 88: 52-63
<a href="#">Systematic review on diabetes mellitus and dental implants: an update</a>	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 <a href="#">on this page</a> ]	J Oral Implantol 2021 47 (6): 473-477
<a href="#">Clinical outcomes of dental implants placed in the same region where previous implants failed due to peri-implantitis: a retrospective study</a>	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 <a href="#">on this page</a> ]	Int J Prosthodont 2021; 34 (supplement): s21-s26
<a href="#">Does HIV infection affect the survival of dental implants? A systematic review and meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> 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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	J Oral Implantol 2021; 47(2): 110-117
<a href="#">Medically complex dental implant patients: controversies about systemic disease and dental implant success/survival</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Dental Clin N Am 2021; 65 (1): 1-19
Biofilm as a risk factor in implant treatment [Accessible from the Wiley link <a href="#">on this page</a> ]	Periodontology 2000; 2019 (81): 29-40
Osseointegration of dental implants in organ transplant patients undergoing chronic immunosuppressive therapy [Accessible from the Implant Dentistry link <a href="#">on this page</a> ]	Implant Dent 2019; (28): 447-454
<a href="#">Dental implants in immunocompromised patients: a systematic review and meta-analysis</a>	Int J Implant Dent 2019; (5): 43
Tobacco-product usage as a risk factor for dental implants [Accessible from the Wiley link <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	J Oral Implantol 2019; (45): 318-326



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Anatomic factors as contributing risk factors in implant therapy [Accessible from the Wiley link <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	J Oral Implantol 2019; (45): 334-340
Risk of dental implant failure associated with medication use [Accessible from the Wiley link <a href="#">on this page</a> ]	J Prosthodont 2019; (28): 743-749
Patient compliance as a risk factor for the outcome of implant treatment [Accessible from the Wiley link <a href="#">on this page</a> ]	Periodontology 2000; 2019 (81): 209-225
<a href="#">Is there an association between overweight/obesity and dental implant complications? A systematic review and meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> 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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	J Prosthodont 2019; (28): 519-525
Chronic hyperglycemia as a risk factor in implant therapy [Accessible from the Wiley link <a href="#">on this page</a> ]	Periodontology 2000; 2019 (81): 57-63
Patient-centered risk assessment in implant treatment planning [can be accessed on DOSS free by logging in <a href="#">on this page</a> ]	Int J Oral Maxillofac Impl 2019; 34(2): 506-520
<a href="#">Are there contraindications for placing dental implants?</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Dent Clin N Am 2019; 63: 345-362
Relationship between selective serotonin reuptake inhibitors and the risk of dental implant failure [Accessible from the Wiley link <a href="#">on this page</a> ]	J Prosthodont 2019; 28 (3): 252-257
<a href="#">Effect of dental implant surface roughness in patients with a history of periodontal disease: a systematic review and meta-analysis</a>	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 <a href="#">on this page</a> ]	J Oral Implantol 2019; 45(1): 1-11
<a href="#">Outcomes of implant-based oral rehabilitation in head and neck oncology patients – a retrospective evaluation of a large, single regional service cohort</a>	Int J Implant Dent 2019; 5(8): 1-13
<a href="#">Monte Carlo simulation of reasons for early failure of implants: effects of two risk factors</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Br J Oral Maxillofac Surg 2019; 57: 12-20



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<a href="#">A prospective, controlled, multicentre study to evaluate the clinical outcome of implant treatment in women with osteoporosis/osteopenia: 5-year results</a>	J Dent Res 2019; 98(1): 84-90
<a href="#">Implant placement for patients with cleft lip and palate: a clinical report and guidelines for treatment</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Prosthet Dent 2019; (121): 9-12
<a href="#">Influence of involuntary cigarette smoke inhalation on osteointegration: a systematic review and meta-analysis of preclinical studies</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	Int J Oral Maxillofac Surg 2018; (47): 764-772
<a href="#">Prognosis of dental implants in patients with low bone density: a systematic review and meta-analysis</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> to request one]	J Prosthet Dent 2018; (120): 668-677
<a href="#">Experience with bruxism in the everyday oral implantology practice in the Netherlands: a qualitative study</a>	BDJ Open 2018; (4): 17040
<a href="#">Implant-supported prostheses in patient with Sjögren’s Syndrome: clinical report with 3-year follow-up</a>	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 <a href="#">on this page</a> ]	Eur J Oral Implantol 2018; 11(Suppl1): S21-S25
<a href="#">Multifaceted roles of environmental factors toward dental implant performance: observations from clinical retrievals and <i>in vitro</i> testing</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> 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 <a href="#">on this page</a> ]	Eur J Oral Implantol 2018; 11(Suppl1): S93-S111
Does the intake of selective serotonin reuptake inhibitors negatively affect dental implant osseointegration? A retrospective study [Accessible from the Journal of Oral Implantology link <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	Eur J Oral Implantol 2018; (Suppl1): S47-S63
Is osteoporosis a risk factor for implant survival or failure [Log in to the <a href="#">BDA home page</a> and follow the link to the BDJ and then EBD to access]	EBD 2018; (19): 51-52



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<a href="#">Long-term success of dental implants in patients with head and neck cancer after radiation therapy</a> [free to members on Science Direct. If you do not have a login email <a href="mailto:library@bda.org">library@bda.org</a> 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 <a href="#">on this page</a> ]	Int J Oral Maxillofac Implants 2018; (33): 389-394
The medically compromised patient: are dental implants a feasible option? [Accessible from the Wiley link <a href="#">on this page</a> ]	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 <a href="#">on this page</a> ]	Int J Oral Maxillofac Implants 2018; (33): 161-168
Factors influencing the fracture of dental implants [Accessible from the Wiley link <a href="#">on this page</a> ]	Clin Implant Dent Relat Res 2018; (20): 58-67