



DENTAL IMPLANT FAILURE

Failure of wide-diameter dental implants (predominantly 5.0 mm) show distinct risk profiles—a large cohort study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2026; 28(4): e70173
Dental implant fractures: a case report (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Update 2026; 53 (6): 422-6
Surgical factors related to dental implant failure: A cross-sectional multicentre study on 1,308 dental implants	Med Oral Patol Oral Cirug Bucal 2026; online 19 April: 28046
The association between common NSAID use and early dental implant failure: a large-scale retrospective cohort study [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 2026; 127(3): 102680
Factors leading to implant failure: An umbrella review of meta-analyses of observational studies and trials [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2026; 135(3): 518-527
Titanium hypersensitivity as possible cause of dental implant failures	NY State Dent J 2026; 92(1): 32-36
Implant failures: part 1 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Amer 2026; 70(1): 173-189
Dental implant failures: part 2 [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Amer 2026; 70(1): 191-208
Relationship between vitamin D deficiency and early implant failure and osseointegration	Perio 2000 2025; online 30 Oct doi.org/10.1111/prd.70017
Insights into early and late dental implant failures in veterans—a retrospective cohort analysis [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2025; 27(5): e70091
Comparative effect of different preoperative antibiotics on dental implant failure: a retrospective cohort study	Int Dent J 2025; 75(3): 1929-1935
Common failures in implant prosthodontics [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Amer 2025; 69(2): 299-314
The impact of sinus anatomy on early implant failure following sinus augmentation: a retrospective cohort study	Int Dent J 2025; 75(2): 984-991
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
Risk factors for implant failure following transcrestal sinus-floor elevation: a case report and literature review [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2024; 50(5): 482-491
Effect of implant maintenance on incidence of peri-implantitis and early implant failure: retrospective cohort study [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2024; 50(4): 328-334
Early dental implant failure associated with postoperative infection: A retrospective 21-year study [Accessible from the Wiley link on this page]	Oral Surgery 2024; 17 (3): 214-20



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The relationship between low serum vitamin D and early dental implant failure [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2024; 50(3): 215-218
Dental implant failure in post-menopausal women on oral bisphosphonates: A systematic review and meta analysis [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2024; 50(3): 288-295
Immediate repair of bony defects in the posterior mandibular region following removal of a fractured implant: a feasible treatment?	Int J Oral Maxillofac Surg 2024; 53 (5): 430-5
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
Why implants fail? [can be accessed on DOSS free by logging in on this page]	Faculty Dental Journal 2024; 15(1): 19-22
Risk factors impacting the survival of implants replaced following failure: A retrospective study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25(6): 1008-1018
Catastrophic implant failure after immediate loading of full arch implant prosthesis and its association with CPAP therapy: A case report [Accessible from the Wiley link on this page]	J Prosthodont 2023; 32(9): 759-765
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
COVID-19 as a factor associated with early dental implant failures: A retrospective analysis	Clin Implant Dent Relat Res 2023; 25(5): 960-966
Survival and complication rates of two dental implant systems supporting fixed restorations: 10-year data of a randomized controlled clinical study	Clin Oral Investig 2023; 27 (12): 7261-7271
Retrospective analysis of 50,333 implants on implant failure and associated patient-related factors [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; 124 (6 suppl): 101555
Effect of antibiotic prophylaxis on early loss of implants installed by inexperienced operators [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2023; 49(5): 537-543
Correlates of early dental implant failure: a retrospective study [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2023; 38 (5): 897-906
Changes in peri-implant marginal bone level by jaw location: a systematic review and meta-analysis of 4970 implants [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2023; 49(4): 444-445
Masseter muscle cross-sectional area and late implant failure: A case-control study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25(2): 313-320
Could future implant failures be predicted based on observed bone levels and bone loss after 5 years? A retrospective investigation on patients presented in previous studies [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2023; 38 (2): 259-267
Successful implant placement into a site with two previous failures: a clinical and histologic case report: 167 [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2023; 43 (2): 167-172



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Dental implant failure rates with low insertion torque with a nonsubmerged surgical approach: A retrospective clinical study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25 (1): 118-123
The use of cancellous block allografts for reconstruction and following implant failure associated with severe bone loss: A prospective survival and Histomorphometric study [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2023; 43 (1): 87-93
Evaluation of the survival rate of short implants placed in the posterior atrophic mandible: 5-year clinical study [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2022; 53 (8): 690-696
Survival rates of implants that have compromised the adjacent teeth and the associated complications: an Opg retrospective study [Accessible from the link on this page]	J Oral Implantol 2022; 48 (5): 375-385
Surgical strategies used to successfully re-implant an implant that failed four times at the same site: a case report [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2022; 42 (3): 411-417
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
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
Dental implant failure rates in patients with self-reported allergy to penicillin [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2022; 24 (3): 301-306
Low insertional torque and early dental implant failure [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2022; 80 (6): 1069-77
Failure load of monolithic lithium disilicate implant-supported single crowns bonded to Ti-base abutments versus to customized ceramic abutments after fatigue [Accessible from the Wiley link on this page]	J Prosthodont 2022; 31 (2): 136-146
The persistently sensitive or painful osseointegrated implant [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; 133 (5): 526-9
Etiology, occurrence, and consequences of implant loss	Perio 2000 2022; 88: 13-35
Five-year prospective study on implant failure and marginal bone remodeling expected using bone level implants with sandblasted/acid-etched surface and conical connection	Eur J Dent 2022; online 6 January
Are proton pump inhibitors associated with implant failure and peri-implantitis? [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; 133 (1): 15-20
Evaluation of the association of early implant failure with local, environmental, and systemic factors: a retrospective study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2021; 79 (6): 1237-45
Patient factors related to early implant failures in the edentulous jaw: A large retrospective case-control study	Clin Implant Dent Relat Res 2021; 23(3): 466-476



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The risk factors of early implant failure: A retrospective study of 6113 implants [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23(3): 280-288
Comparing factors affecting dental-implant loss between age groups: A retrospective cohort study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23(2): 208-215
On marginal bone level changes around dental implants [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23(2): 159-169
Risk factors for dental implant failure in private practice: A multicenter survival analysis [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(2): 388-394
Three-year evaluation of the influence of implant surfaces on implant failure and peri-implantitis: a double-blind randomized controlled trial with split-mouth design [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(2): e23-e30
Genetic polymorphisms associated with early implant failure: a systematic review [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(2): 219-233
Comparison of immediate versus delayed implant placement in a failed implant site: A retrospective analysis of early implant survival [can be accessed on DOSS free by logging in on this page]	Int J Oral Implantol 2021; 14(1): 67-76
Implant surgery update for the general practitioner: dealing with common postimplant surgery complications [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Am 2021; 65(1): 125-134
Effects of different antidepressant classes on dental implant failure: A retrospective clinical study	J Periodontol 2021; 92 (2): 196-204
Patient satisfaction and oral health-related quality of life 10 years after implant placement	BMC Oral Health 2021; (30): 21
When to save or remove implants in the smile zone: A clinical report of maxillary lateral incisor implants in malposition	J Esthet Restor Dent 2021; 33(1): 194-201
What factors are associated with implant failure? [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2021; 79: 91-7
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What affects postoperative sinusitis and implant failure after dental implant: a meta-analysis (request using https://www.smartsurvey.co.uk/s/PJHMY/)	Otolaryngology – Head Neck Surg 2019; 160 (6): 974-984
Sandblasting reduces dental implant failure rate but not marginal bone level loss: a systematic review and meta-analysis	PloS ONE 2019; 14 (5): 1-19
Relationship between radiographic misfit and clinical outcomes in immediately loaded complete-arch fixed implant-supported prostheses in edentulous patients [Accessible from the Wiley link on this page]	J Prosthodont 2019; 28(8): 861-867
Analysis of trends in implant therapy at a surgical speciality clinic: patient pool, indications, surgical procedures, and rate of early failures - a 15 year retrospective analysis [Accessible from the Wiley link on this page]	Clin Oral Impl Res 2019; 30: 1097-1106



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Genetic involvement in dental implant failure: association with polymorphisms of gene modulating inflammatory response and bone metabolism [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2019; 45 (4): 318-326
Factors affecting the early failure of implants placed in a dental practice with a specialization in implantology – a retrospective study	BMC Oral Health 2019; 19: 208
Prophylactic antibiotic regimens in dental implant failure [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2019; 150 (6): e61-e91
A comparison of implant complications and failures between the maxilla and the mandible [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: 611-617
Implant fracture rate and potential associated risk indicators: an up to 12-year retrospective study of implants in 5,124 patients [Accessible from the Wiley link on this page]	Clin Oral Impl Res 2019; 30(3): 206-217
Comparison of early implant failure rates between subjects with and without orthodontic treatment before dental implantation [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2019; 45 (1): 29-34
General review of titanium toxicity [can be accessed on DOSS free by logging in on this page]	Int J Implant Dent 2019; 5(1): 10
Citric acid reduces oral biofilm and influences the electrochemical behavior of titanium: an <i>in situ</i> and <i>in vitro</i> study [Accessible from the Wiley link on this page]	J Periodontol 2019; 90(2): 149-158
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
Early implant failures in edentulous patients: a multivariable regression analysis of 4615 consecutively treated jaws. A retrospective study [Accessible from the Wiley link on this page]	J Prosthodont 2018; 27(9): 803-812
Current evidence on dental implants outcomes in smokers and nonsmokers: a systematic review and meta-analysis [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2018; 44 (5): 390-9
Implant survival in the edentulous jaw – 30 years of experience. Part i: a retrospective multivariate regression analysis of overall implant failure in 4, 585 consecutively treated arches [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2018; 31(5): 425-35
Effect of photofunctionalization on early implant failure [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2018; 33(5): 1098-102
Early implant failures in edentulous patients: a multivariable regression analysis of 4615 consecutively treated jaws. A retrospective study [Accessible from the Wiley link on this page]	J Prosthodont 2018; 27(9): 803-812



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Incidence and pattern of implant fractures: a long-term follow-up multicenter study [Accessible from the Wiley link on this page]	Clin Impl Dent Rel Res 2018; 20(4): 463-9
A retrospective study of 30, 959 implants: risk factors associated with early and late implant loss [Accessible from the Wiley link on this page]	J Clin Periodontol 2018; 45(6): 733-43
Analysis of the causes of dental implant fracture: a retrospective clinical study [can be accessed on DOSS free by logging in on this page]	Quintessence Int 2018; 49 (4): 279-86
Effect of submerged vs nonsubmerged implant placement protocols on implant failure and marginal bone loss: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2018; 31(1): 15-22
Late dental implant failures associated with retained root fragments: case reports with histologic and SEM analysis [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2018; 38 (1): 8-15
Impact of different surgeons on dental implant failure [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2017; 30(5): 445-54
A retro-prospective effectiveness study on 3448 implant operations at one referral clinic: a multifactorial analysis. Part I: clinical factors associated to early implant failures [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2017; 19(6): 980-988
Intake of proton pump inhibitors is associated with an increased risk of dental implant failure [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2017; 32(5): 1097-1102
Association of systematic conditions with dental implant failures in 6,384 patients during a 31-year follow-up period [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2017; 32(5): 1153-1161
Incidental findings of implant complications on postimplantation CBCTs: a cross-sectional study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2017; 19(5): 776-782
What are the incidence and factors associated with implant fracture? [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Oral Maxillofac Surg 2017; 75: 1866-1872
A retro-prospective effectiveness study on 3448 implant operations at one referral clinic: a multifactorial analysis. Part II: clinical factors associated to peri-implantitis surgery and late implant failures [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2017; 19(6): 972-979
Does surgical experience influence implant survival rate? A systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2017; 30(4): 341-347
Epidemiology of implant mortality disparity among intraoral positions and prosthesis types [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2017; 32(3): 525-532
Bone quality and quantity and dental implant failure: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2017; 30(3): 219-237
Is the intake of selective serotonin reuptake inhibitors associated with an increased risk of dental implant failure? [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 2017; 46: 782-788



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Dental implant loss in older versus younger patients: a systematic review and meta-analysis of prospective studies [can be accessed on DOSS free by logging in on this page]	J Oral Rehabil 2017; 44(3): 229-236
Analysis of risk factors for cluster behaviour of dental implant failures [Accessible from the Wiley link on this page]	Clin Implant Dent Res 2017; 19(4): 632-642
Medication-related osteonecrosis of the jaw and dental implants failures: a systematic review [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2017; 153(1): 51-57
Associations between early implant failure, patient age, and patient mortality: a 15-year follow-up study on 2,566 patients treated with implant-supported prostheses in the edentulous jaw [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2017; 30(2): 189-197
Survival of Brånemark System Mk III implants and analysis of risk factors associated with implant failure [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 2017; 46: 267-273
A retrospective study on 1592 consecutively performed operations in one private referral clinic. Part I: early inflammation and early implant failure [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2017; 19(3): 404-412
Implant fracture under dynamic fatigue loading: influence of embedded angle and depth of implant [can be accessed on DOSS free by logging in on this page]	Odontology 2016; 104(3): 357-362
Vitamin D deficiency in early implant failure: two case reports [can be accessed on DOSS free by logging in on this page]	Int J Implant Dent 2016; 2(1): 24
A retrospective analysis of the effectiveness of the longevity protocol for assessing the risk of implant failure [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2016; 18(6): 1113-1118
Thematic abstract review: implant failure [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Imp 2016; 31(6): 1233-1236
Bruxism and dental implant failures: a multilevel mixed effects parametric survival analysis approach [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2016; 43(11): 813-823
Does a higher glycemic level lead to a higher rate of dental implant failure? A meta-analysis [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2016; 147(11): 875-881
A prospective longitudinal study on implant prosthetic rehabilitation in controlled HIV-positive patients with 1-year follow-up: the role of CD4+ level, smoking habits, and oral hygiene [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2016; 18(5): 955-964
Early implant failures related to individual surgeons: an analysis covering 11,074 operations performed during 28 years [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2016; 18(5): 861-872
Removal of dental implants: review of five different techniques [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 2016; (45): 641-648
Factors influencing early dental implant failures [can be accessed on DOSS free by logging in on this page]	J Dent Res 2016; 95(9): 995-1002



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Clinical decisions: determining when to save or remove an ailing implant [can be accessed on DOSS free by logging in on this page]	Compend Cont Educ Dent 2016; 37(4): 233-44
Risk factors associated with early implant failure: a 5-year retrospective clinical study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosth Dent 2016; 115 (2):150-5
Treatment of a patient with implant failure and jaw osteonecrosis: successful retreatment using implants [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2016; 42(1): 82-5
Removal techniques for failed implants [Log in to the BDA home page and follow the link to the BDJ to access]	BDJ 2016; 220(3): 109-14
Effect of bisphosphonate and age of implant failure as determined by patient-reported outcomes [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2015; 41(6): e287-e291
A retrospective analysis of dental implants replacing failed implants in grafted maxillary sinus: a case series [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2015; 30 (5): 1156-1160
Implant failures related to endodontic treatment. An observational retrospective study [Accessible from the Wiley link on this page]	Clin Oral Impl Res 2015; 26(9): 992-5
Assessment of implant cumulative survival rates in sites with different bone density and related prognostic factors: an 8-year retrospective study of 2,684 implants [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2015; 30(2): 360-71
Long-term survival rates of implants supporting overdentures [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2015; 41(2):173-7
A report of three dental implant fractures with literature review	J Impl Advanced Clin Dent 2015; 7(2): 41-5
Prophylactic antibiotic regimen and dental implant failure: a meta-analysis [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2014; 41(12): 941-956
Systematic review and meta-analysis of randomized controlled trials for the management of limited vertical height in the posterior region: short implants (5 to 8mm) vs long implants (> 8mm) in vertically augmented sites [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2014; 29(5): 1085-1097
Reasons for failures of oral implants [can be accessed on DOSS free by logging in on this page]	J Oral Rehab, 2014; 41(6): 443-476
The prognostic accuracy of resonance frequency analysis in predicting failure risk of immediately restored implants [Accessible from the Wiley link on this page]	Clin Oral Impl Res 2014; 25(1): 29-35
In selected sites, short, rough-surfaced dental implants are as successful as long dental implants [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Am Dent Assoc 2013; 144: 195-6
Monitoring failure rates of commercial implant brands; substantial equivalence in question? [Accessible from the Wiley link on this page]	Clin Oral Impl Res 2013; 24(7): 725-729



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