



IMPLANT LOADING PROTOCOLS

Current state of evidence for implant placement and loading in partially edentulous patients: a systematic review [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2026; 28(1): e70120
Soft and hard tissue changes following immediate implant placement and immediate loading in aesthetic zone—a systematic review and meta-analysis [Log in to the BDA home page and follow the link to the BDJ Portfolio to access]	EBD 2025; 26 (2): 109-110
Occlusal vs non-occlusal modality of the loading protocol for oral implants in partially edentulous patients: a systematic review and meta-analysis	BDJ Open 2025; 11: 63
Clinical efficacy of early and delayed loading 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 2024; 132(2): 369-380
Immediate loading on two adjacent single dental implants with definitive nonsplinted restorations: A proof of concept in the posterior zone	J Esthet Restor Dent 2024; 36(9): 1249-1257
Immediate placement and loading of implants with laser-microgrooved collar in combination with an anorganic porcine bone mineral matrix in the esthetic zone. Twelve-month results of a prospective multicenter cohort study	Clin Implant Dent Relat Res 2023; 25(6): 1164-1177
Marginal bone level change of immediately restored implants with simultaneous guided bone regeneration: A systematic review [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25(6):1112-1137
Immediately loaded full arch implant rehabilitation and oral health-related quality of life: A retrospective cohort study from primary dental care [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25(6): 1103-1111
Early implant bone loss in the preprosthetic phase: a retrospective study [Accessible from the link on this page]	J Oral Implantol 2023; 49(4): 355-360
Ridge preservation with the socket-shield technique and immediate provisionalization for delayed implant placement: A case report [can be accessed on DOSS free by logging in on this page] [Not included in the loan package]	Int J Esthet Dent 2023; 18(3): 278-291
Immediate single-implant placement under different loading conditions: a retrospective study with 1 to 5 years of follow-up [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2023; 36 (2): 161-171
5- to 15-year survival of immediately loaded implants in fully edentulous maxillae: a multilevel analysis in a retrospective cohort study [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2023; 38 (3): 516-522
Osteogenic markers in peri-implant crevicular fluid in immediate and delayed-loaded dental implants: A randomized controlled trial	Clin Implant Dent Relat Res 2023; 25(3): 540-548
Full arch immediate occlusal loading using site specific implants: a clinical a series of 10 patients (13 arches) [Accessible from the Wiley link on this page]	J Prosthodont 2023; 32 (3): 204-213
Stress behavior of an anterior single implant restored with high-performance polymer abutments under immediate and delayed loading: a 3D FEA study [Accessible from the Wiley link on this page]	J Prosthodont 2023; 32 (2): 132-138



IMPLANT LOADING PROTOCOLS

Soft tissue esthetics around immediately provisionalized delayed implants with and without connective tissue graft: A randomized clinical trial pilot study [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25 (1): 11-22
Buccal bone thickness assessment for immediate anterior dental implant planning: A pilot study comparing cone-beam computed tomography and 3D double-echo steady-state MRI [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2023; 25 (1): 35-45
Evaluation of implant stability and bone loss using two different early loading protocols: clinical study [Accessible from the Wiley link on this page]	Oral Surg 2023; 16 (1): 5-12
Immediate vs. early loading of bone level tapered dental implants with hydrophilic surface in rehabilitation of the fully edentulous maxilla: clinical and patient centered outcomes [Accessible from the link on this page]	J Oral Implantol 2022; 48 (5): 351-357
Immediate loading after guided surgery: a narrative review on the possible critical issues in the surgical-prosthetic chain and their solutions	J Dent 2022; (121): 103959
Comparison of crestal bone loss and osteocalcin release kinetics in immediately and delayed loaded implants: a randomised controlled trial [Accessible from the Wiley link on this page]	J Prosthodont 2022; online 12 Feb doi.org/10.1111/jopr.13495
Immediate vs conventional loading of mandibular overdentures: a comprehensive systematic review and meta-analysis of randomized controlled trials [Accessible from the link on this page]	J Oral Implantol 2022 48 (1): 64-73
Immediate loading of fixed partial prostheses reconstructed using either tapered or straight implants in the posterior area: a randomized clinical trial [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23 (5): 703-715
Immediate loading protocols increase the risk of failure of implants placed by fully guided surgery in partially edentulous jaws: a randomized clinical trial [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23 (5): 735-744
A retrospective study of bone-level stability around 335 hybrid implants placed with an immediate or delayed protocol [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41(5): 647-655
Simplified digital protocol for fully edentulous immediate implant placement and loading: A report of 10 consecutive cases [can be accessed on DOSS free by logging in on this page]	Int J Periodont Restor Dent 2021; 41(1): 33-40
A theoretical iteration for predicting the feasibility for immediate functional dental implant loading [Accessible from the link on this page]	J Oral Implantol 2021 47 (4): 310-317
Evaluation of internal and external hexagon connections in immediately loaded full-arch rehabilitations: A within-person randomized split-mouth controlled trial with a 3-year follow-up	Clin Implant Dent Relat Res 2021; 23(4): 562-567
Failure risk of short dental implants under immediate loading: a meta-analysis	J Prosthodont 2021; 30 (7): 569-80



IMPLANT LOADING PROTOCOLS

Factors affecting implant stability quotients at immediately and conventionally loaded implants in the posterior maxilla: a split-mouth randomized controlled trial [Accessible from the Wiley link on this page]	J Prosthodont 2021; 30 (7): 590-603
Assessment of bone density and stability with immediately loaded dental implants with the All-on-Four technique in free vascularized fibular grafts used for mandibular reconstruction [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2021; 23(3): 482-491
Clinical outcomes of immediate implant loading with fixed prostheses in edentulous maxillae: a systematic review [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(3): 503-519
Immediate implant placement and loading in the esthetic area when the buccal socket wall is significantly damaged [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2021; 33(4): 542-549
Evidence-based clinical outcomes of immediate and early loading of short endosseous dental implants: a meta-analysis [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(1): 59-67
Eight to eleven-year follow-up of immediately loaded implants placed in edentulous maxillae with compromised bone volume and poor bone quality: a prospective cohort study	Clin Impl Dent Rel Res 2019 (online before publication)
Early loading of splinted implants in posterior mandible: three-year results of a prospective multicentre study [can be accessed on DOSS free by logging in on this page]	Clin Oral Impl Res 2019; 30: 1049-58
Immediate versus delayed loading of mandibular implant-retained overdentures: a 60-month follow-up of a randomized clinical trial [can be accessed on DOSS free by logging in on this page]	J Clin Periodont 2019; 46: 863-71
Prospective 1-year study of immediately loaded implants: 8-patient case series report [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2019; 39: 469-77
Immediate versus delayed loading of dental implants supported fixed full-arch maxillary prostheses: a 10-year follow-up report [can be accessed on DOSS free by logging in on this page]	Int J Prosthodont 2019; (32): 27-31
Comparative study of immediate loading on short dental implants and conventional dental implants in the posterior mandible: a randomized clinical trial [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2019; (34): 141-149
Immediate, early (6 weeks) and delayed loading (3 months) of single, partial and full fixed implant supported prostheses: 1-year post-loading data from a multicentre randomised controlled trial	Eur J Oral Implantol 2018; (11): 63-75
Immediate versus early loading of single 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 2018; (120): 25-34



IMPLANT LOADING PROTOCOLS

<p>Immediate loading of tilted and axial posterior implants in the edentulous maxillary arch: a retrospective comparison of 5-year outcomes [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2018; (33): 433-438</p>
<p>Computer-guided vs freehand placement of immediately loaded dental implants: 5-year post-loading results of a randomised controlled trial</p>	<p>Eur J Oral Implantol 2018; (11): 203-213</p>
<p>Comparison of immediate-load mini dental implants and conventional-size dental implants to retain mandibular Kennedy class I removable partial dentures: a randomized clinical trial [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Implant Dent Relat Res 2018; (20): 785-792</p>
<p>Immediate loading of three (fixed-on-3) vs four (fixed-on-4) implants supporting cross-arch fixed prostheses: 1-year results from a multicentre randomised controlled trial</p>	<p>Eur J Oral Implantol 2018; (11): 323-333</p>
<p>Ten-year follow-up of dental implants used for immediate loading in the edentulous mandible: a prospective clinical study [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Implant Dent Relat Res 2018; (20): 515-521</p>
<p>Two-step immediate loading of mandibular overdentures retained by mini-implants: a prospective clinical study [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Prosthodont 2018; (31): 446-450</p>
<p>Immediate loading of occluding definitive partial fixed prostheses vs non-occluding provisional restorations – 3-year post-loading results from a pragmatic multicentre randomised controlled trial [can be accessed on DOSS free by logging in on this page]</p>	<p>Eur J Oral Implantol 2018; (11): 309-320</p>
<p>Assessment of long-term survival of immediately loaded tilted implants supporting a maxillary full-arch fixed prosthesis [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2017; (32): 904-911</p>
<p>Immediate versus early loading of short Straumann® TE implants in the posterior mandible: 10 year results of randomized control clinical trial</p>	<p>J Implant Adv Clin Dent 2017; 9(7): 12-23</p>
<p>Survival and complications of single dental implants in the edentulous mandible following immediate or delayed loading: a randomized controlled clinical trial</p>	<p>J Dent Res 2017; [Epub] doi: 10.1177/0022034517734517736063</p>
<p>Immediate loading of fixed prostheses in fully edentulous jaws – 1-year follow-up from a single-cohort retrospective study [can be accessed on DOSS free by logging in on this page]</p>	<p>Eur J Oral Implantol 2017; 10(3): 339-348</p>
<p>Early complications of immediate loading in edentulous full-arch restorations: a retrospective analysis of 88 cases [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2017; 32(5): 1116-1122</p>
<p>Use of intraoral welding to increase the predictability of immediately loaded computer-guided implants [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Periodont Res Dent 2017; 37(4): 591-598</p>



IMPLANT LOADING PROTOCOLS

Oral health-related quality of life changes after placement of immediately loaded single implants in healed alveolar ridges of extraction sockets: a 5-year prospective follow-up study [can be accessed on DOSS free by logging in on this page]	Clin Oral Implants Res 2017; (28): 662-667
Immediate loading of four interforaminal implants supporting a locator-retained mandibular overdenture in the elderly. Results of a 3-year randomized, controlled, prospective clinical study [can be accessed on DOSS free by logging in on this page]	Clin Implant Dent Relat Res 2017; [Epub ahead of print] (27 Jun 2017) doi: 10.1111/cid.12513
Comparison of marginal bone level changes of immediately loaded implants, delayed loaded nonsubmerged implants, and delayed loaded submerged implants: a randomized clinical trial [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2017; (32): 661-666
Immediate loading of two (fixed-on-2) vs four (fixed-on-4) implants placed with a flapless technique supporting mandibular cross-arch fixed prostheses: 3-year results from a pilot randomised controlled trial [can be accessed on DOSS free by logging in on this page]	Eur J Oral Implantol 2017; 10(2): 133-145
Evolution of loading protocols in implant dentistry for partially dentate arches [can be accessed on DOSS free by logging in on this page]	Periodontol 2000 2017; 73: 152-177
Comparison of peri-implant soft tissue parameters and crestal bone loss around immediately loaded and delayed loaded implants in smokers and non-smokers: 5-year follow-up results	J Periodontol 2017; 88: 3-9
Long-term survival of dental implants with different prosthetic loading times in healthy patients: a 5-year retrospective clinical study [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2017; 26: 99-106
Immediately loaded implants in rehabilitation of the maxilla: a two-year randomized clinical trial of guided surgery versus standard procedure [can be accessed on DOSS free by logging in on this page]	Clin Implant Dent Relate Res 2017; 19(2): 280-295
Immediate loading of single implants: a 2-year prospective multicentre study	J Periodont Rest Dent 2017; 37 (1) 69-77
Soft and hard tissue changes following immediate placement or immediate restoration of single-tooth implants in the esthetic zone: a systematic review and meta-analysis [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2016; (31): 1327-1340
Long-term outcomes of immediate implant placement into infected sockets in association with immediate loading: a retrospective cohort study [can be accessed on DOSS free by logging in on this page]	J Periodontol 2016; (87): 1135-1140
Immediate, early (6 weeks) and delayed loading (3 months) of single implants: 4-month post-loading from a multicenter pragmatic randomised controlled trial	Eur J Oral Implantol 2016; 9(3): 249-260



IMPLANT LOADING PROTOCOLS

<p>A 10-year report from a multicentre randomised controlled trial: immediate non-occlusal versus early loading of dental implants in partially edentulous patients [can be accessed on DOSS free by logging in on this page]</p>	<p>Eur J Oral Implantol 2016; 9(3): 219-230</p>
<p>Graftless full-arch implant rehabilitation with interantral implants and immediate or delayed loading—part ii: transition from the failing maxillary dentition [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2016; (31): 1150-1155</p>
<p>Immediate loading of implants in the edentulous maxilla with a fixed provisional restoration without bone augmentation: a report on 5-year outcomes data obtained from a prospective clinical trial [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2016; 31(5): 1164-1170</p>
<p>Early loading of delayed versus immediately placed implants in the anterior mandible: a pilot comparative clinical study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Prosthet Dent 2016; 116(3): 340-345</p>
<p>Customized CAD-CAM healing abutment for delayed loaded implants [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Prosthet Dent 2016; (116): 176-179</p>
<p>Loading protocols and implant supported restorations proposed for the rehabilitation of partially and fully edentulous jaws. Camlog Foundation Consensus Report</p>	<p>Clin Oral Implants Res 2016; 27: 988-992</p>
<p>10-year prospective cohort follow-up of immediately restored XiVE implants [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Oral Implants Res 2016; 27: 694-700</p>
<p>Implants with an oxidized surface placed predominately in soft bone quality and subjected to immediate occlusal loading: results from an 11-year clinical follow-up [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Implant Dent Relat Res 2016; 18(3): 429-38</p>
<p>An up to 12-year retrospective follow-up on immediately loaded, surface-modified implants in the edentulous mandible [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Implant Dent Relat Res 2016; 18(2): 323-331</p>
<p>Immediate loading of implants inserted in edentulous arches using multiple mucosa-supported stereolithographic surgical templates: a 10-year prospective cohort study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>Int J Oral Maxillofac Surg 2016; 45: 526-534</p>
<p>Immediate early loading of hydrothermally treated, hydroxyapatite-coated dental implants: 2-year results from a perspective clinical study [Accessible from the link on this page]</p>	<p>J Oral Implantol 2016; 42(1): 17-25</p>



IMPLANT LOADING PROTOCOLS

<p>A systematic review on immediate loading of implants used to support overdentures opposed by conventional prostheses: factors that might influence clinical outcomes [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Oral Maxillofac Implants 2016; 31(1): 63-72</p>
<p>Immediate vs. delayed loading in the posterior mandible: a split-mouth study with up to 15 years of follow-up</p>	<p>Clin Oral Implant Res 2016; 27: e74-e79</p>
<p>Immediate and early loading of hydrothermally treated, hydroxyapatite-coated dental implants; 2-year results from a prospective clinical study [Accessible from the link on this page]</p>	<p>J Oral Implantol 2016; (42): 17-25</p>
<p>Patients' expectations, satisfaction, and quality of life with immediate loading protocol [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Oral Implants Res 2016; (27): 83-89</p>
<p>Immediate loading of post-extractive versus delayed placed single implants in the anterior maxilla: outcome of a pragmatic multicenter randomised controlled trial 1-year after loading</p>	<p>Eur J Oral Implantol 2015; 8 (4): 347-358</p>
<p>Replacement of severely traumatized teeth with immediate implants and immediate loading: literature review and case reports [can be accessed on DOSS free by logging in on this page]</p>	<p>Dent Traumatol 2015; (31): 493-503</p>
<p>Immediate non-occlusal loading of immediate post-extraction versus delayed placement of single implants in preserved sockets of the anterior maxilla: 1-year post-loading outcome of a randomised controlled trial</p>	<p>Eur J Oral Implantol 2015; 8 (4): 361-372</p>
<p>Influence of a Laser-Lok surface on immediate functional loading of implants in single-tooth replacement: three-year results of a prospective randomized clinical study on soft tissue response and esthetics [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Periodontics Restorative Dent 2015; (35): 865-875</p>
<p>Immediate loading of dental implants inserted in edentulous maxillas and mandibles: 5-year results of a clinical study [Accessible from the link on this page]</p>	<p>J Oral Implantol 2015; (41): 701-705</p>
<p>Fresh-socket implants of different collar length: clinical evaluation in the aesthetic zone [can be accessed on DOSS free by logging in on this page]</p>	<p>Clin Implant Dent Relat Res 2015; 17 (5): 871-878</p>
<p>Maxillary and mandibular immediately loaded implant-supported interim complete fixed dental prostheses on immediately placed dental implants with a digital approach: a clinical report [free to members on Science Direct. If you do not have a login email library@bda.org to request one]</p>	<p>J Prosthet Dent 2015; 114 (3): 315-322</p>
<p>Immediate versus conventional loading of complete-arch implant-supported prostheses in mandibles with failing dentition: a patient-centered controlled prospective study [can be accessed on DOSS free by logging in on this page]</p>	<p>Int J Prosthodont 2015; (28): 499-508</p>



IMPLANT LOADING PROTOCOLS

Gastric and masticatory performances in full-arch immediate loading rehabilitated patients [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2015; 42: 663-9
Annual failure rates and marginal bone-level changes of immediate compared to conventional loading of dental implants. A systematic review of the literature and meta-analysis [can be accessed on DOSS free by logging in on this page]	Clin Oral Implants Res 2015; (26): 671-678
Immediate occlusal versus non-occlusal loading of implants: a randomized clinical pilot study [can be accessed on DOSS free by logging in on this page]	Clin Implant Dent Related Res 2015 <u>17</u> (3) 589-597
Immediate, early (3 weeks) and conventional loading (4 months) of single implants: preliminary data at 1 year after loading from a pragmatic multicenter randomised controlled trial	Eur J Oral Implantol 2015 <u>8</u> (2) 115-126
A retrospective study on immediate placement of Neoss implants with early loading of full-arch bridges [can be accessed on DOSS free by logging in on this page]	Clin Implant Dent Related Res 2015 <u>17</u> (4) 646-657
The BARI technique: a new approach to immediate loading [can be accessed on DOSS free by logging in on this page]	Int J Esthet Dent 2015 <u>10</u> (3) 428-443
Clinical efficacy of immediate implant loading protocols compared to conventional loading depending on the type of the restoration: a systematic review	Clin Oral Implants Res 2015; (26): 964-982
Wound healing in immediately loaded implants [can be accessed on DOSS free by logging in on this page]	Periodontol 2000; 2015 (68): 153-167
A technique for atraumatic root extraction, immediate implant placement and loading in maxillary esthetic zone [can be accessed on DOSS free by logging in on this page]	Oral Surg 2015; (8): 102-110
Immediate loading: from biology to biomechanics. Report of the Committee on Research in Fixed Prosthodontics of the American Academy of Fixed Prosthodontics (review article) [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2015; (113): 96-107
Immediate placement and immediate loading: surgical technique and clinical pearls [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Clin N Am 2015; (59): 345-355