



IMPLANTS: TREATMENT PLANNING

Imaging techniques in dental implant planning: understanding the paradigm shift from periapical radiograph to cone beam computed tomography (CBCT) [can be accessed on DOSS free by logging in on this page]	Primary Dent J 2024; 13(4): 50-52
Communication in implant treatment planning, placement and reconstruction in the digital age: a technician's perspective [can be accessed on DOSS free by logging in on this page]	Primary Dent J 2024; 13(3): 66-72
The bio-restorative concept for implant-supported restorations	J Esthet Restor Dent 2024; 36(11): 1516-1527
Rapid elastomeric radiographic template for CBCT and implant planning of a completely edentulous arch [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2024; Aug 10 [Ahead of print]
Validation of a novel AI-based automated multimodal image registration of CBCT and intraoral scan aiding presurgical implant planning	Clin Oral Implant Res 2024; Aug 05 [Ahead of print]
Tomographic planning of dental implants using a smartphone: Linear measurements and implant selection – a cross-sectional study (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Oral Maxillofac Implants 2024; May 17 [Ahead of print]
Virtual implant planning and surgical guide for single implant placement fabricated from a digital diagnostic cast, 2-dimensional radiographic imaging, and an open-source program: A dental technique (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Oral Maxillofac Implants 2024; Apr 05 [Ahead of print]
Computer-assisted implant planning: A review of data registration techniques (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Periodont Restor Dent 2024; Jul 26 [Ahead of print]
3D-printed shell complete dentures as a diagnostic aid for implant planning and fabricating interim restorations for complete arch rehabilitations: A case series	J Prosthodont 2024; Jul 22 [Ahead of print]
Low-dose, standard, and high-resolution cone beam computed tomography for alveolar bone measurements related to implant planning: An ex vivo study in human specimens	Clin Oral Implants Res 2024; Jul 05 [Ahead of print]
The lateral lingual foramen: a structure to consider in planning in implantology and oral surgery [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2024; Jul 04 [Ahead of print]
Artificial intelligence and mixed reality for dental implant planning: A technical note [Accessible from the Wiley link on this page]	Clin Implant Dent Relat Res 2024; Jun 28 [Ahead of print]
An overview of artificial intelligence based applications for assisting digital data acquisition and implant planning procedures [Review] [Accessible from the Wiley link on this page]	J Esthet Restor Dent 2024; May 17 [Ahead of print]

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Dental implant planning using artificial intelligence: 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; Apr 22 [Ahead of print]
Artificial intelligence serving pre-surgical digital implant planning: A scoping review	J Dent 2024; 143: 104862
Accuracy of linear measurements for implant planning based on low-dose cone beam CT protocols: a systematic review and meta-analysis (request using https://www.smartsurvey.co.uk/s/PJHMV/)	DMFR 2024; 53(4): 207-221
Quantitative and qualitative 3D analysis of mandibular lingual concavities: Implications for dental implant planning in the posterior mandible	Clin Exp Dent Res 2024; 10(1): e858
A “graftless” approach to treatment planning for dental implant treatment [can be accessed on DOSS free by logging in on this page]	Int J Oral Implantol 2024; 17(1): 3-4
Incidental findings in cone beam computed tomography (CBCT) scans for implant treatment planning: a retrospective study of 404 CBCT scans	Oral Radiol 2024; 40: 207-218
A randomized clinical trial on the accuracy of guided implant surgery between two implant-planning programs used by inexperienced operators [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2024; 131(3): 436-442
Jawbone measurements of edentulous sites related to implant planning using magnetic resonance imaging compared to cone beam computed tomography: An ex vivo study [Accessible from the Wiley link on this page]	Clin Oral Implants Res 2024; 35(2): 179-186
Jawbone quality classification in dental implant planning and placement studies. A scoping review	J Int Soc Prev Community Dent 2024; 14(2): 89-97
Restoratively driven planning for implants in the posterior maxilla - Part 2: implant planning, biomechanics and prosthodontic planning a proposed prosthodontic complexity index	BDJ 2023; 235(9): 695-706
Restoratively driven planning for implants in the posterior maxilla - Part 1: alveolar bone healing, bone assessment and clinical classifications	BDJ 2023; 235(8): 585-592
Computer-assisted bone augmentation, implant planning and placement: An in vitro investigation	Clin Oral Implants Res 2023; 34(7): 719-726
Controversies in the dental implant treatment planning for anterior maxillary aesthetic zone – a review	Natl J Maxillofac Surg 2023; 14(1): 3-8
Is the computed tomography exam important for planning mini-implant installation?	J Clin Exp Dent 2023; 15(4): e298-e303
Virtual implant treatment planning using the existing denture with metal frameworks as a radiographic guide: a technique note [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2023; 49(6): 573-577



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Relationship between sagittal root position and alveolar wall thickness of maxillary teeth in the esthetic area for immediate implant treatment planning in a Peruvian population (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Periodont Restor Dent 2023; Oct 11 [Ahead of print]
Comparative evaluation of a lower-dose cbct acquisition protocol for preoperative implant site assessment in dry human skulls: a proof-of-concept study [Accessible from the Journal of Oral Implantology link on this page]	J Oral Implantol 2023; 49(4): 408-413
Two-dimensional radiographs versus cone-beam computed tomography in planning mini-implant placement: A systematic review	J Clin Exp Dent 2022; 14(8): e669-e677
Digital implantology—a review of virtual planning software for guided implant surgery. Part II: Prosthetic set-up and virtual implant planning	BMC Oral Health 2022; 22: Art 23
CBCT data relevant in treatment planning for immediate maxillary molar implant placement	J Adv Periodontol Implant Dent 2021; 13(2): 49-55
Evaluation of available height, location, and patency of the ostium for sinus augmentation from an implant treatment planning perspective	Imaging Dent Sci 2021; 51(3): 243-250
Integral steps for planning a case of full mouth rehabilitation with implants: A prosthesis driven approach	Contemporary Clin Dent 2021; 12(2): 208-209
Time and costs related to computer-assisted versus non-computer-assisted implant planning and surgery. A systematic review	Clin Oral Implants Res 2021; 32(Suppl. 21): 303-317
A dual scan approach to creating an accurate dental surface for virtual implant planning: A dental technique [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2021; 126(4): 464-470
A novel digital implant planning workflow in patients with preexisting metal restorations: a technical report [Accessible from the Wiley link on this page]	J Prosthodont 2021; 30(7): 632-635
Printed titanium implants in UK craniomaxillofacial surgery. Part I: access to digital planning and perceived scope for use in common procedures [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 2021; 59(3): 312-319
Magnetic Resonance Imaging for the planning, execution, and follow-up of implant-based oral rehabilitation: Systematic review [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(3): 432-441
Influence of low-dose protocols of CBCT on dental implant planning [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2021; 36(2): 307-312
"ABCD" Implant Classification: A Comprehensive Philosophy for Treatment Planning in Completely Edentulous Arches [Accessible from the link on this page]	J Oral Implantol 2020; 46(2): 93-99
The location of the inferior alveolar nerve in the malaysian population: Implications for dental implant planning	Ind J Dent Res 2020; 31(2): 197-202



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A review of virtual planning software for guided implant surgery - data import and visualization, drill guide design and manufacturing	BMC Oral Health 2020; 20(1): 251
Virtual implant planning and fully guided implant surgery using magnetic resonance imaging-Proof of principle	Clin Oral Implants Res 2020; 31(6): 575-583

Influence of 2D vs 3D imaging and professional experience on dental implant treatment planning [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2019; 23: 929-936
A Randomized Controlled Clinical Trial Comparing Conventional and Computer-Assisted Implant Planning and Placement in Partially Edentulous Patients. Part 1: Clinician-Related Outcome Measures [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2018; 38 (suppl): s49-s57
Influence of 2D vs 3D Imaging and Professional Experience on Dental Implant Treatment Planning [can be accessed on DOSS free by logging in on this page]	Clin Oral Invest 2018; online before publication
Accuracy of Linear Measurements on CBCT Images Related to Presurgical Implant Treatment Planning: A Systematic Review	Clin Oral Implants Res 2018; 29 (suppl 16): 393-415
Implementation of Computer-Guided Implant Planning Using Digital Scanning Technology for Restorations Supported by Conical Abutments: A Dental Technique [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2018; 119: 720-6
Efficacy of Cone-Beam Computed Tomography in Evaluating Bone Quality for Optimum Implant Treatment Planning [Accessible from the link on this page]	Implant Dent 2017; 26: 405-11
In-Office Fabrication of Dental Implant Surgical Guides Using Desktop Stereolithographic Printing and Implant Treatment Planning Software: A Clinical Report [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2017; 118: 256-63
Implant Rehabilitation Planning Protocol for the Edentulous Patient According to Denture Space, Lip Support, and Smile Line [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2017; 26: 545-8
The Lip-Tooth-Ridge Classification: A Guidepost for Edentulous Maxillary Arches. Diagnosis, Risk Assessment and Implant Treatment Indications [can be accessed on DOSS free by logging in on this page]	Int J Periodont Rest Dent 2017; 37 (6): 835-41
Implant Treatment Planning Regarding Augmentation Procedures: Panoramic Radiographs vs Cone Beam Computed Tomography Images [can be accessed on DOSS free by logging in on this page]	Clin Oral Implants Res 2016; 27: 1010-16
Accuracy of Dynamic Navigation for Dental Implant Placement-Model-Based Evaluation [Accessible from the link on this page]	J Oral Implantol 2016; 42: 399-405

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Maxillary Implant-Supported Fixed Prosthesis: A Survey of Reviews and Key Variables for Treatment Planning [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Impl 2016; 31 (suppl): S192-S197
Cone Beam Computed Tomography for the Dental Implant Patient	J Calif Dent Assoc 2015; (September): 521-530
Evidence-Based Criteria for Differential Treatment Planning of Implant Restorations for the Maxillary Edentulous Patient [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2015; (24): 433-446
Computer Technology Applications in Surgical Implant Dentistry: A Systematic Review [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2014;29 Suppl:25-42
Cerec Meets Galileos – Integrated Implantology for Completely Virtual Implant Planning (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Int J Comput Dent 2014 <u>17</u> (2) 145-157
Evidence-Based Criteria for Differential Treatment Planning on Implant Restorations for the Mandibular Edentulous Patient [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2014 <u>23</u> 104-111
Systematic Review: Conventional Radiography and Cross-Sectional Imaging when Planning Dental Implants in the Anterior Edentulous Mandible to Support an Overdenture: A Systematic Review	Dentomaxillofac Radiol 2014; (43): 20130321
Planning of Dental Implant Size with Digital Panoramic Radiographs, CBCT-Generated Panoramic Images, and CBCT Cross-Sectional Images [can be accessed on DOSS free by logging in on this page]	Clin Oral Implants Res 2013; (00): 1-6 doi: 10.1111/clr.12126
Applications of Cone Beam Computed Tomography (CBCT) in Implant Treatment Planning	JSM Dent 2013; 1 (2): 1008
Panoramic Images versus Three-Dimensional Planning Software for Oral Implant Planning in Atrophied Posterior Maxillary: A Clinical Radiological Study [can be accessed on DOSS free by logging in on this page]	Clin Impl Dent Rel Res 2013; 15 (2): 198-204
Acceptance of Virtual Dental Implant Planning Software in an Undergraduate Curriculum: A Pilot Study	BMC Medical Education 2012; (12): 90
Mapping Out the Ridge	Scot Dent Mag 2012; (November): 57-59
Reliability of Voxel Gray Values in Cone Beam Computed Tomography for Preoperative Implant Planning Assessment [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2012; 27 (6): 1438-1442
Planning for Immediate Loading of Implant-Supported Prosthesis: Literature Review [Accessible from the link on this page]	J Oral Implantol 2012; 38 (S1): 504-508



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Natural Tooth Versus Implant: A Key to Treatment Planning [Accessible from the link on this page]	J Oral Implantol 2012; 38 (1): 95-100
Registration Accuracy of Three-Dimensional Surface and Cone Beam Computed Tomography Data for Virtual Implant Planning [can be accessed on DOSS free by logging in on this page]	Clin Oral Impl Res 2012; (23): 447-452
Review Article: Role of Radiographic Evaluation in Treatment Planning for Dental Implants: A Review	J Dent Allied Sci 2012; 1 (1): 21-25
Implants in Focus: Extracting and Loading – Planning Ahead (request using https://www.smartsurvey.co.uk/s/PJHMV/)	PPD 2012; (November): 91-94
Treatment Planning of Implants in the Aesthetic Zone: Part 3 (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Private Dent 2012; (September): 96-99
Patient-Related Risk Factors for Implant Therapy. A Critique of Pertinent Literature	Aust Dent J 2011; (56): 417-426
A Risk Assessment Treatment Planning Protocol for the Four Implant Immediately Loaded Maxilla: Preliminary Findings [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Prosthet Dent 2011; (106): 359-366
Implants in Focus: Planning for Implant Restorations (request using https://www.smartsurvey.co.uk/s/PJHMV/)	PPD 2011; (February): 149-162
Ambiguity in Bone Tissue Characteristics as Presented in Studies on Dental Implant Planning and Placement: A Systematic Review [can be accessed on DOSS free by logging in on this page]	Clin Oral Impl Res 2011; (22): 789-801
Team Treatment Planning for the Replacement of Esthetic Zone Teeth with Dental Implants [can be accessed on DOSS free by logging in on this page]	Compendium Cont Educ Dent 2011; 32 (4): 44-50
Comparison of Ridge Mapping and Cone Beam Computed Tomography for Planning Dental Implant Therapy [can be accessed on DOSS free by logging in on this page]	Int J Oral Maxillofac Implants 2011; 26 (1): 70-74
Immediate Load on the Edentulous Mandible: Treatment Planning Considerations [can be accessed on DOSS free by logging in on this page]	J Prosthodont 2010; (19): 647-653
Treatment Planning Implant Dentistry: An Overview for the General Dentist (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Gen Dent 2010; (Sept/Oct): 368-374