Computer-aided technology for fabricating complete de historical background, current status, and future perspe

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Citation Report

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The introduction of digital dental technology into BDS curricula. British Dental Journal, 2014, 217, 639-642. | 0.3 | 12 |
| 2 | Revolutionizing Restorative Dentistry: An Overview. Journal of Indian Prosthodontic Society, The, 2014, 14, 333-343. | 0.3 | 18 |
| 3 | Fabricating complete dentures with CAD/CAM technology. Journal of Prosthetic Dentistry, 2014, 111, 351-355. | 1.1 | 185 |
| 4 | Three-dimensional evaluation of gaps associated with fixed dental prostheses fabricated with new technologies. Journal of Prosthetic Dentistry, 2014, 112, 1432-1436. | 1.1 | 98 |
| 5 | Implementation of New Technologies in U.S. Dental School Curricula. Journal of Dental Education, 2015, 79, 259-264. | 0.7 | 41 |
| 6 | Shape Optimization for Additive Manufacturing of Removable Partial Dentures - A New Paradigm for Prosthetic CAD/CAM. PLoS ONE, 2015, 10, e0132552. | 1.1 | 44 |
| 7 | Incorporating 3D-printing technology in the design of head-caps and electrode drives for recording neurons in multiple brain regions. Journal of Neurophysiology, 2015, 113, 2721-2732. | 0.9 | 35 |
| 8 | Complete denture fabrication with CAD/CAM record bases. Journal of Prosthetic Dentistry, 2015, 114, 493-497. | 1.1 | 24 |
| 9 | Use of intraoral digital scanning for a CAD/CAM-fabricated milled bar and superstructure framework for an implant-supported, removable complete dental prosthesis. Journal of Prosthetic Dentistry, 2015, 113, 509-515. | 1,1 | 28 |
| 10 | Biomechanics of oral mucosa. Journal of the Royal Society Interface, 2015, 12, 20150325. | 1.5 | 79 |
| 11 | Comparison of treatment outcomes in digital and conventional complete removable dental prosthesis fabrications in a predoctoral setting. Journal of Prosthetic Dentistry, 2015, 114, 818-825. | 1.1 | 185 |
| 12 | 3D Printing and Biofabrication for Load Bearing Tissue Engineering. Advances in Experimental Medicine and Biology, 2015, 881, 3-14. | 0.8 | 26 |
| 13 | Prosthodontics. , 2015, , 201-227. | | 0 |
| 14 | Posterior Palatal Seal Area Established in Conventional and CAD/CAM Fabricated Complete Denture Techniques: Clinical Case Study. Journal of Dental and Craniofacial Research, 2016, 01, . | 0.1 | 4 |
| 15 | A review of computer-aided design/computer-aided manufacture techniques for removable denture fabrication. European Journal of Dentistry, 2016, 10, 286-291. | 0.8 | 120 |
| 16 | Evaluation of patient experience and satisfaction with CAD-CAM-fabricated complete dentures: A retrospective survey study. Journal of Prosthetic Dentistry, 2016, 116, 524-528. | 1.1 | 55 |
| 17 | Application of FDM three-dimensional printing technology in the digital manufacture of custom edentulous mandible trays. Scientific Reports, 2016, 6, 19207. | 1.6 | 83 |
| 18 | Digital immediate dentures treatment: A clinical report of two patients. Journal of Prosthetic Dentistry, 2016, 116, 314-319. | 1.1 | 29 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | In vitro evaluation of marginal, axial, and occlusal discrepancies in metal ceramic restorations produced with new technologies. Journal of Prosthetic Dentistry, 2016, 116, 368-374. | 1.1 | 50 |
| 20 | Clinical performance of CAD-CAM-fabricated complete dentures: A cross-sectional study. Journal of Prosthetic Dentistry, 2016, 116, 431-435. | 1.1 | 90 |
| 21 | A first experience with digital complete overdentures. Saudi Dental Journal, 2016, 28, 148-153. | 0.5 | 5 |
| 22 | Digital Denture Fabrication in Pre―and Postdoctoral Education: A Survey of U.S. Dental Schools. Journal of Prosthodontics, 2016, 25, 83-90. | 1.7 | 35 |
| 23 | Innovations With 3â€Dimensional Printing in Physical Medicine and Rehabilitation: A Review of the Literature. PM and R, 2016, 8, 1201-1212. | 0.9 | 65 |
| 24 | Partâ€Digitizing System of Impression and Interocclusal Record for Complete Denture Fabrication. Journal of Prosthodontics, 2016, 25, 503-509. | 1.7 | 13 |
| 25 | A comparison of two digital techniques for the fabrication of complete removable dental prostheses: A pilot clinical study. Journal of Prosthetic Dentistry, 2016, 116, 756-763. | 1.1 | 65 |
| 26 | Trueness of milled prostheses according to number of ball-end mill burs. Journal of Prosthetic Dentistry, 2016, 115, 624-629. | 1.1 | 38 |
| 27 | Prospective cohort pilot study of 2-visit CAD/CAM monolithic complete dentures and implant-retained overdentures: Clinical and patient-centered outcomes. Journal of Prosthetic Dentistry, 2016, 115, 578-586.e1. | 1.1 | 79 |
| 28 | Advancements in CAD/CAM technology: Options for practical implementation. Journal of Prosthodontic Research, 2016, 60, 72-84. | 1.1 | 359 |
| 29 | In vitro evaluation of basal shapes and offset values of artificial teeth for CAD/CAM complete dentures. Computers in Biology and Medicine, 2016, 68, 84-89. | 3.9 | 22 |
| 30 | Complete denture fabrication supported by CAD/CAM. Journal of Prosthetic Dentistry, 2016, 115, 541-546. | 1.1 | 71 |
| 31 | Accuracy, reliability, and efficiency of intraoral scanners for full-arch impressions: a systematic review of the clinical evidence. European Journal of Orthodontics, 2016, 38, 422-428. | 1.1 | 135 |
| 32 | Use of CAD-CAM technology for the fabrication of complete dentures: An alternative technique. Journal of Prosthetic Dentistry, 2017, 118, 140-143. | 1.1 | 27 |
| 33 | Poly(methyl methacrylate) with TiO 2 nanoparticles inclusion for stereolitographic complete denture manufacturing â ⁻ ' the fututre in dental care for elderly edentulous patients?. Journal of Dentistry, 2017, 59, 68-77. | 1.7 | 129 |
| 34 | Clinical complications and quality assessments with computer-engineered complete dentures: A systematic review. Journal of Prosthetic Dentistry, 2017, 117, 721-728. | 1.1 | 49 |
| 35 | Design and fabrication of complete dentures using CAD/CAM technology. Medicine (United States), 2017, 96, e5435. | 0.4 | 36 |
| 36 | CAD/CAM Removable Dental Prostheses: a Review of Digital Impression Techniques for Edentulous Arches and Advancements on Design and Manufacturing Systems. Current Oral Health Reports, 2017, 4, 151-157. | 0.5 | 5 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 38 | Fit of pressed crowns fabricated from two CAD-CAM wax pattern process plans: A comparative inÂvitro study. Journal of Prosthetic Dentistry, 2017, 118, 49-54. | 1.1 | 24 |
| 39 | CAD/CAM milled removable complete dentures: an in vitro evaluation of trueness. Clinical Oral Investigations, 2017, 21, 2007-2019. | 1.4 | 78 |
| 40 | Relationship between retention forces and stress at the distal border in maxillary complete dentures: Measurement of retention forces and finite-element analysis in individual participants. Journal of Prosthetic Dentistry, 2017, 117, 524-531. | 1.1 | 9 |
| 41 | An update on computer-engineered complete dentures: AÂsystematic review on clinical outcomes. Journal of Prosthetic Dentistry, 2017, 117, 478-485. | 1.1 | 94 |
| 42 | Additive Technology: Update on Current Materials and Applications in Dentistry. Journal of Prosthodontics, 2017, 26, 156-163. | 1.7 | 200 |
| 43 | Do CAD/CAM dentures really release less monomer than conventional dentures?. Clinical Oral Investigations, 2017, 21, 1697-1705. | 1.4 | 97 |
| 44 | Duplication of complete dentures using general-purpose handheld optical scanner and 3-dimensional printer: Introduction and clinical considerations. Journal of Prosthodontic Research, 2017, 61, 81-86. | 1.1 | 22 |
| 45 | Clinical efficacy and effectiveness of 3D printing: a systematic review. BMJ Open, 2017, 7, e016891. | 0.8 | 149 |
| 46 | Adherence of <i>Candida</i> to complete denture surfaces <i>in vitro</i> : A comparison of conventional and CAD/CAM complete dentures. Journal of Advanced Prosthodontics, 2017, 9, 402. | 1.1 | 74 |
| 47 | Integrating 3D facial scanning in a digital workflow to CAD/CAM design and fabricate complete dentures for immediate total mouth rehabilitation. Journal of Advanced Prosthodontics, 2017, 9, 381. | 1.1 | 44 |
| 48 | A Critical Review of Search Strategies Used in Recent Systematic Reviews Published in Selected Prosthodontic and Implant-Related Journals: Are Systematic Reviews Actually Systematic?. International Journal of Prosthodontics, 2017, 30, 13-21. | 0.7 | 17 |
| 49 | Evaluation of Currently Available CAD/CAM Denture Systems. International Journal of Prosthodontics, 2017, 30, 116-122. | 0.7 | 88 |
| 50 | Complete Dentures Fabricated with CAD/CAM Technology and a Traditional Clinical Recording Method. Open Access Macedonian Journal of Medical Sciences, 2017, 5, 785-789. | 0.1 | 10 |
| 51 | Artificial teeth displacement of monolithic complete denture manufactured by 3D printer and milling machine. The Journal of Korean Academy of Prosthodontics, 2017, 55, 394. | 0.0 | 0 |
| 52 | CAD/CAM fabricated complete denture using 3D face scan: A case report. The Journal of Korean Academy of Prosthodontics, 2017, 55, 436. | 0.0 | 3 |
| 53 | The residual monomer content and mechanical properties of CADCAM resins used in the fabrication of complete dentures as compared to heat cured resins. Electronic Physician, 2017, 9, 4766-4772. | 0.2 | 76 |
| 54 | Trueness and precision of digital impressions obtained using an intraoral scanner with different head size in the partially edentulous mandible. Journal of Prosthodontic Research, 2018, 62, 347-352. | 1.1 | 94 |
| 55 | Accuracy and reproducibility of virtual edentulous casts created by laboratory impression scan protocols. Journal of Prosthetic Dentistry, 2018, 120, 389-395. | 1.1 | 17 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 56 | Fabrication of an implant-supported fixed complete denture using multiple digital technologies for a patient with a perioral burn: A clinical report. Journal of Prosthetic Dentistry, 2018, 120, 161-167. | 1.1 | 4 |
| 57 | Digital impression and jaw relation record for the fabrication of CAD/CAM custom tray. Journal of Prosthodontic Research, 2018, 62, 509-513. | 1.1 | 35 |
| 58 | Digital Relief of the Mental Foramen for a CAD/CAMâ€Fabricated Mandibular Denture. Journal of Prosthodontics, 2018, 27, 189-192. | 1.7 | 10 |
| 59 | Design of Complete Dentures by Adopting CAD Developed for Fixed Prostheses. Journal of Prosthodontics, 2018, 27, 212-219. | 1.7 | 7 |
| 60 | Gingival morphology ontrolled design of the complete denture baseplate. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e2911. | 1.0 | 3 |
| 61 | Removable complete digital dentures: A workflow that integrates open technologies. Journal of Prosthetic Dentistry, 2018, 119, 727-732. | 1.1 | 43 |
| 62 | Accuracy of digitally fabricated trial dentures. Journal of Prosthetic Dentistry, 2018, 119, 942-947. | 1.1 | 27 |
| 63 | Digital immediate denture: A clinical report. Journal of Prosthetic Dentistry, 2018, 119, 698-701. | 1.1 | 15 |
| 64 | Study on digital teeth selection and virtual teeth arrangement for complete denture. Computer Methods and Programs in Biomedicine, 2018, 155, 53-60. | 2.6 | 6 |
| 65 | Prosthodontic rehabilitation with monolithic, multichromatic, CAD-CAM complete overdentures in an adolescent patient with ectodermal dysplasia: A clinical report. Journal of Prosthetic Dentistry, 2018, 119, 873-878. | 1.1 | 7 |
| 66 | Evaluation of dimensional accuracy of dental bridges manufactured with conventional casting technique and CAD/CAM system with Ceramill Sintron blocks using CMM. Journal of Dental Research, Dental Clinics, Dental Prospects, 2018, 12, 264-271. | 0.4 | 6 |
| 67 | CAD-CAM en prótesis total. Reporte de caso. Universitas Odontologica: Revista Cientifica De La Facultad De Odontologica, 2018, 37, . | 0.2 | 0 |
| 68 | Teaching Silver Diamine Fluoride in U.S. Dental Schools' Predoctoral Curricula. Journal of Dental Education, 2018, 82, 1305-1309. | 0.7 | 9 |
| 69 | Success of complete denture treatment, detailed investigation of construction protocols, occlusal schemes and evaluation questionnaires. Balkan Journal of Dental Medicine, 2018, 22, 115-122. | 0.2 | 3 |
| 70 | The digitally replicated denture technique: A case report. Journal of Esthetic and Restorative Dentistry, 2019, 31, 20-25. | 1.8 | 35 |
| 71 | Evaluation of Vertical Misfit of CAD/CAM Implant-Supported Titanium and Zirconia Frameworks. International Journal of Oral and Maxillofacial Implants, 2018, 33, 1027-1032. | 0.6 | 7 |
| 72 | Evaluation of adaptation of the polylactic acid pattern of maxillary complete dentures fabricated by fused deposition modelling technology: A pilot study. PLoS ONE, 2018, 13, e0201777. | 1.1 | 27 |
| 74 | Evaluation of the trueness and tissue surface adaptation of CAD-CAM mandibular denture bases manufactured using digital light processing. Journal of Prosthetic Dentistry, 2018, 120, 919-926. | 1.1 | 71 |

ARTICLE IF CITATIONS # Manufacturing of an immediate removable partial denture with an intraoral scanner and CAD-CAM 0.8 19 75 technology: a case report. BMC Oral Health, 2018, 18, 120. Case Presentation: Implant Retained Mandibular Prostheses., 2018,, 201-219. Management of an edentulous patient with temporomandibular disorders by using CAD-CAM 77 1.1 5 prostheses: AÂclinical report. Journal of Prosthetic Dentistry, 2018, 120, 635-641. Complete denture tooth arrangement technology driven by a reconfigurable rule. PLoS ONE, 2018, 13, e0198252. In Vitro Evaluation of Adhesion of <i>Candida albicans</i> on CAD/CAM PMMAâ€Based Polymers. Journal 79 1.7 69 of Prosthodontics, 2019, 28, e873-e879. Optical properties and surface roughness of prepolymerized poly(methyl methacrylate) denture base materials. Journal of Prosthetic Dentistry, 2019, 121, 347-352. 1.1 Effect of layering gingiva-shade composite resin on the strength of denture base polymers. Journal of 81 1.1 6 Prosthetic Dentistry, 2019, 122, 153.e1-153.e8. Digital Removable Complete Denture (DRCD)., 2019, , 115-136. Comparative evaluation of marginal and internal fit of metal copings fabricated by various CAD/CAM 83 0.0 6 methods. The Journal of Korean Academy of Prosthodontics, 2019, 57, 211. Machining of biocompatible materials â€" Recent advances. CIRP Annals - Manufacturing Technology, 1.7 2019, 68, 629-652. Digital versus conventional workflow for the fabrication of multiunit fixed prostheses: A systematic review and meta-analysis of vertical marginal fit in controlled inÂvitro studies. Journal of Prosthetic 88 1.1 41 Dentistry, 2019, 122, 435-440. Intraoral scanning to fabricate complete dentures with functional borders: a proof-of-concept case 89 0.8 report. BMC Oral Health, 2019, 19, 46. Comparing accuracy of denture bases fabricated by injection molding, CAD/CAM milling, and rapid 90 1.1 78 prototyping method. Journal of Advanced Prosthodontics, 2019, 11, 55. A Comparison of the Surface Properties of CAD/CAM and Conventional Polymethylmethacrylate (PMMA). Journal of Prosthodontics, 2019, 28, 452-457. 1.7 Evaluation of strain distribution on an edentulous mandible generated by cobalt-chromium metal 92 alloy fixed completeÂdentures fabricated with different techniques: AnÂínÂvitro study. Journal of 1.1 13 Prosthetic Dentistry, 2019, 122, 47-53. Rehabilitation of fully edentulous patient using Ceramill full denture system (FDS). The Journal of Korean Academy of Prosthodontics, 2019, 57, 232. Effect of Nanodiamond Addition on Flexural Strength, Impact Strength, and Surface Roughness of 94 1.7 63 PMMA Denture Base. Journal of Prosthodontics, 2019, 28, e417-e425. Comparison of Fit of Dentures Fabricated by Traditional Techniques Versus CAD/CAM Technology. Journal of Prosthodontics, 2019, 28, 428-435.

ARTICLE IF CITATIONS # Additive Manufacturing Technologies Used for Processing Polymers: Current Status and Potential 1.7 278 96 Application in Prosthetic Dentistry. Journal of Prosthodontics, 2019, 28, 146-158. Modified digital workflow for artificial tooth exchange in a complete denture: A dental technique. 1.1 Journal of Prosthetic Dentistry, 2020, 123, 236-238. CAD-CAM milled dentures: The Geneva protocols for digitalÂdentures. Journal of Prosthetic Dentistry, 98 19 1.1 2020, 123, 27-37. The effect of build angle on the tissue surface adaptation of maxillary and mandibular complete denture bases manufactured by digital light processing. Journal of Prosthetic Dentistry, 2020, 123, 99 1.1 473-482 A Comparison of the Flexural and Impact Strengths and Flexural Modulus of CAD/CAM and Conventional Heatâ€Cured Polymethyl Methacrylate (PMMA). Journal of Prosthodontics, 2020, 29, 100 1.7 81 341-349. Prosthodontics dental materials: From conventional to unconventional. Materials Science and Engineering C, 2020, 106, 110167. 3.8 Flexural strength of denture base acrylic resins processed by conventional and CAD-CAM methods. 102 1.1 58 Journal of Prosthetic Dentistry, 2020, 123, 641-646. Stainability of acrylic resin materials used in CAD-CAM and conventional complete dentures. Journal 1.1 of Prosthetic Dentistry, 2020, 123, 880-887. A technique for transferring the contours of a functional impression to the polished surfaces of 104 7 1.1 digitally fabricated removable complete dentures. Journal of Prosthetic Dentistry, 2020, 124, 153-156. Printing accuracy, mechanical properties, surface characteristics, and microbial adhesion of 3D-printed resins with various printing orientations. Journal of Prosthetic Dentistry, 2020, 124, 1.1 168 468-475. A 3D printing replication technique for fabricating digitalÂdentures. Journal of Prosthetic Dentistry, 106 1.1 26 2020, 124, 251-256. Wear resistance of 3D-printed denture tooth resin opposing zirconia and metal antagonists. Journal 1.1 of Prosthetic Dentistry, 2020, 124, 387-394. Integration of intraoral scanning and conventional processing to fabricate a definitive obturator: A 108 1.1 5 dental technique. Journal of Prosthetic Dentistry, 2021, 126, 596-599. Prosthodontic Applications of Polymethyl Methacrylate (PMMA): An Update. Polymers, 2020, 12, 2299. 109 270 Application of additive and subtractive manufacturing technology for a digitally fabricated 110 removable partial denture after a partial maxillectomy: A clinical report. Journal of Prosthetic 1.1 1 Dentistry, 2020, , . Evaluation of trueness in a denture base fabricated by using CAD-CAM systems and adaptation to the 1.1 socketed surface of denture base: An inÂvitro study. Journal of Prosthetic Dentistry, 2022, 127, 108-114. 3D printed complete removable dental prostheses: a narrative review. BMC Oral Health, 2020, 20, 343. 112 0.8 108 Service Evaluation of Recording Jaw Registrations for Removable Partial Dentures in NHS General Dental Practices. Primary Dental Journal, 2020, 9, 49-55.

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 114 | Surface Characteristics of Milled and 3D Printed Denture Base Materials Following Polishing and Coating: An In-Vitro Study. Materials, 2020, 13, 3305. | 1.3 | 42 |
| 115 | Effect of Printing Direction on the Accuracy of 3D-Printed Dentures Using Stereolithography Technology. Materials, 2020, 13, 3405. | 1.3 | 79 |
| 116 | Comparison of different intraoral scanning techniques on the completely edentulous maxilla: An inÂvitro 3-dimensional comparative analysis. Journal of Prosthetic Dentistry, 2020, 124, 762.e1-762.e8. | 1.1 | 16 |
| 117 | Accuracy of a chairside intraoral scanner compared with a laboratory scanner for the completely edentulous maxilla: An inÂvitro 3-dimensional comparative analysis. Journal of Prosthetic Dentistry, 2020, 124, 761.e1-761.e7. | 1.1 | 23 |
| 118 | Combination of Digital and Conventional Workflows in the CAD/CAM-Fabrication of an Implant-Supported Overdenture. Materials, 2020, 13, 3688. | 1.3 | 5 |
| 119 | Monolithic CAD/CAM Complete Overdentures for a Pedodontic Patient with Dentinogenesis Imperfecta and Limited Prosthetic Space: A Clinical Report. International Journal of Prosthodontics, 2020, 33, 341-346. | 0.7 | 5 |
| 120 | Reconstruction of Craniomaxillofacial Bone Defects With Customized Prosthesis of Hydroxyapatite/Epoxide Acrylate Maleic Compound Designed by Computer-Aided Technique. Journal of Craniofacial Surgery, 2020, 31, 389-392. | 0.3 | 6 |
| 121 | The treatment of an edentulous patient with conventional complete denture and CAD/CAM complete denture. The Journal of Korean Academy of Prosthodontics, 2020, 58, 42. | 0.0 | 0 |
| 122 | Fully Digital Workflow with Magnetically Connected Guides for Fullâ€Arch Implant Rehabilitation Following Guided Alveolar Ridge Reduction. Journal of Prosthodontics, 2020, 29, 272-276. | 1.7 | 26 |
| 123 | Digitally Fabricated Immediate Complete Dentures: Case Reports of Milled and Printed Dentures. International Journal of Prosthodontics, 2020, 33, 232-241. | 0.7 | 15 |
| 124 | Computerized optical impression making of edentulous jaws – An in vivo feasibility study. Journal of Prosthodontic Research, 2020, 64, 444-453. | 1.1 | 30 |
| 125 | Tissue surface adaptation of CAD-CAM maxillary and mandibular complete denture bases manufactured by digital light processing: A clinical study. Journal of Prosthetic Dentistry, 2020, 124, 682-689. | 1.1 | 32 |
| 126 | Accuracy of Three Impression Materials on the Totally Edentulous Maxilla: In Vitro/In Silico Comparative Analysis. Materials, 2020, 13, 515. | 1.3 | 7 |
| 127 | Novel fabrication method for clear and hard tooth aligner through additive manufacturing technology: A pilot study. Materials Today: Proceedings, 2020, 28, 551-555. | 0.9 | 3 |
| 128 | 3D metal printing in dentistry: An in vitro biomechanical comparative study of two additive manufacturing technologies for full-arch implant-supported prostheses. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103821. | 1.5 | 35 |
| 129 | Creating a digital duplicate denture file using a desktop scanner and an open-source software program: A dental technique. Journal of Prosthetic Dentistry, 2021, 125, 402-406. | 1.1 | 11 |
| 130 | Assessment of CAD-CAM polymers for digitally fabricated complete dentures. Journal of Prosthetic Dentistry, 2021, 125, 175-181. | 1.1 | 38 |
| 131 | Accuracy of digital complete dentures: A systematic review of inÂvitro studies. Journal of Prosthetic Dentistry, 2021, 125, 249-256. | 1.1 | 89 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 132 | Incorporating Digital Dentures into Clinical Practice: Flexible Workflows and Improved Clinical Outcomes. Journal of Prosthodontics, 2021, 30, 125-132. | 1.7 | 14 |
| 133 | Repairability of a 3D printed denture base polymer: Effects of surface treatment and artificial aging on the shear bond strength. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 114, 104227. | 1.5 | 33 |
| 134 | Adhesion of Denture Characterizing Composites to Heat ured, CAD/CAM and 3D Printed Denture Base Resins. Journal of Prosthodontics, 2021, 30, 83-90. | 1.7 | 9 |
| 135 | Bio-mechanical characterization of a CAD/CAM PMMA resin for digital removable prostheses. Dental Materials, 2021, 37, e118-e130. | 1.6 | 31 |
| 136 | Digital Immediate Complete Denture for a Patient with Rhabdomyosarcoma: A Clinical Report. Journal of Prosthodontics, 2021, 30, 196-201. | 1.7 | 6 |
| 138 | Evaluation of Surface Micro-hardness and Fracture Toughness of Conventionally Constructed versus CAD/CAM Constructed Denture Base Materials- an In-Vitro Study Egyptian Dental Journal, 2021, 67, 757-765. | 0.1 | 1 |
| 139 | Fibrin Biopolymer Incorporated with Antimicrobial Agents: A Proposal for Coating Denture Bases. Materials, 2021, 14, 1618. | 1.3 | 8 |
| 140 | Complete-Arch Accuracy of Four Intraoral Scanners: An In Vitro Study. Healthcare (Switzerland), 2021, 9, 246. | 1.0 | 10 |
| 141 | Optical versus conventional impressions of the completely edentulous arches. Egyptian Dental Journal, 2021, 67, 1407-1415. | 0.1 | 1 |
| 142 | Digital versus conventional complete dentures: A randomized, controlled, blinded study. Journal of Prosthetic Dentistry, 2022, 128, 956-963. | 1.1 | 17 |
| 143 | Elution behavior of a 3D-printed, milled and conventional resin-based occlusal splint material. Dental Materials, 2021, 37, 701-710. | 1.6 | 29 |
| 144 | Restorative Space Analysis by Jaw Motion Tracking Using a Template in Completely Edentulous Patients. Applied Sciences (Switzerland), 2021, 11, 3933. | 1.3 | 2 |
| 145 | Clinical Applications of Intraoral Scanning in Removable Prosthodontics: A Literature Review. Journal of Prosthodontics, 2021, 30, 747-762. | 1.7 | 10 |
| 146 | Retrospective Comparison of Postinsertion Maintenances Between Conventional and 3D Printed Complete Dentures Fabricated in a Predoctoral Clinic. Journal of Prosthodontics, 2021, 30, 158-162. | 1.7 | 15 |
| 147 | Influence of the Manufacturing Method on the Adhesion of Candida albicans and Streptococcus mutans to Oral Splint Resins. Polymers, 2021, 13, 1534. | 2.0 | 20 |
| 148 | Comparison of CAD/CAM and Conventional Denture Base Resins: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 5990. | 1.3 | 11 |
| 149 | Properties of Acrylic Resin For CAD/CAM: A Systematic Review and Metaâ€Analysis of In Vitro Studies. Journal of Prosthodontics, 2021, 30, 656-664. | 1.7 | 6 |
| 150 | Peri-implant marginal bone height changes in implant-retained overdentures constructed by CAD/CAM or conventional processing technique- A one-year clinical follow-up Egyptian Dental Journal, 2021, 67, 2357-2366. | 0.1 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 151 | Accuracy of anterior denture tooth arrangements of CAD-CAM complete removable dental prostheses made with a tooth mold template. Journal of Prosthetic Dentistry, 2023, 129, 472-477. | 1.1 | 2 |
| 152 | Bonding Behavior of Conventional PMMA towards Industrial CAD/CAM PMMA and Artificial Resin Teeth for Complete Denture Manufacturing in a Digital Workflow. Materials, 2021, 14, 3822. | 1.3 | 9 |
| 153 | Strength and Surface Properties of a 3Dâ€Printed Denture Base Polymer. Journal of Prosthodontics, 2022, 31, 412-418. | 1.7 | 83 |
| 154 | Fabrication of Metal-Reinforced Complete Dentures Using the CAD-CAM Technique. Applied Sciences (Switzerland), 2021, 11, 7369. | 1.3 | 1 |
| 155 | Dimensional changes of complete dentures fabricated by milled and printed techniques: An inÂvitro study. Journal of Prosthetic Dentistry, 2021, , . | 1.1 | 3 |
| 156 | An In-Vitro Study to Evaluate the Effect of Denture Cleansing Agents on Color Stability of Denture Bases Fabricated Using CAD/CAM Milling, 3D-Printing and Conventional Techniques. Coatings, 2021, 11, 962. | 1.2 | 15 |
| 157 | Comparative Effect of Different Surface Treatments on the Shear Bond Strength of Two Types of Artificial Teeth Bonded To Two Types of Denture Base Resins. Journal of Prosthodontics, 2022, 31, 427-433. | 1.7 | 8 |
| 158 | Accuracy of trial complete dentures fabricated by using fused deposition modeling 3-dimensional printing: An inÂvitro study. Journal of Prosthetic Dentistry, 2023, 129, 908-912. | 1.1 | 5 |
| 159 | Effects of fabrication techniques on denture base adaptation: An inÂvitro study. Journal of Prosthetic Dentistry, 2020, 124, 740-747. | 1.1 | 29 |
| 160 | Comparison between mechanical properties and biocompatibility of experimental 3D printing denture resins according to photoinitiators. Journal of Korean Acedemy of Dental Technology, 2020, 42, 355-361. | 0.4 | 1 |
| 161 | Fabrication of computer-aided design/computer-aided manufacturing complete denture and conventional complete denture: case report. Journal of Dental Rehabilitation and Applied Science, 2016, 32, 141-148. | 0.1 | 6 |
| 162 | Comparison of flexural strength according to thickness between CAD/CAM denture base resins and conventional denture base resins. Journal of Dental Rehabilitation and Applied Science, 2020, 36, 183-195. | 0.1 | 5 |
| 163 | An evaluation of marginal and internal gap of fixed dental prostheses printed by selective laser sintering. Korean Journal of Dental Materials, 2017, 44, 141-149. | 0.2 | 5 |
| 164 | Evaluation of Validity of Edentulous Digital Model for Complete Denture Fabrication. Journal of Dental Hygiene Science, 2015, 15, 393-398. | 0.1 | 4 |
| 165 | Comparison Of Patient Satisfaction & Occlusal Force Distribution pattern In CAD/ CAM and conventional Complete Dentures Using The T-Scan III Computerized Occlusal Analysis System. (RCT). Egyptian Dental Journal, 2019, 65, 2641-2649. | 0.1 | 1 |
| 166 | Mechanical properties of a polymethyl methacrylate block for CAD/CAM dentures. Journal of Oral Science, 2020, 62, 420-422. | 0.7 | 29 |
| 167 | Evaluation of Different Materials Used for Fabrication of Complete Digital Denture. Materiale Plastice, 2018, 55, 124-128. | 0.4 | 17 |
| 168 | Two-visit CAD/CAM milled dentures in the rehabilitation of edentulous arches: A case series. Journal of Indian Prosthodontic Society, The, 2019, 19, 88. | 0.3 | 14 |

| | | CITATION RE | PORT | |
|-----|---|---------------|------|-----------|
| # | Article | | IF | CITATIONS |
| 169 | Adaptation of Complete Denture Base Fabricated by Conventional, Milling, and 3-D Printin Techniques: An In Vitro Study. Journal of Contemporary Dental Practice, 2020, 21, 367-37 | g 1. | 0.2 | 12 |
| 170 | CAD-CAM complete removable dental prostheses: A double-blind, randomized, crossover c evaluating milled and 3D-printed dentures. Journal of Dentistry, 2021, 115, 103842. | linical trial | 1.7 | 17 |
| 171 | Surface roughness analysis of prepolymerized CAD/CAM dental acrylic resins following cor surface treatments. Materials Science-Poland, 2021, . | nbined | 0.4 | 4 |
| 172 | Digital Removable Complete Denture—an Overview. Current Oral Health Reports, 2021, | 8, 117-131. | 0.5 | 3 |
| 173 | Strengthening effect of resin denture base by glass fiber reinforcement addition. Journal or Acedemy of Dental Technology, 2014, 36, 1-7. | f Korean | 0.4 | 1 |
| 174 | Analysis of infrared thermal image for melting processes of Co-Cr-Mo based alloy using hig frequency induction casting machine. Journal of Korean Acedemy of Dental Technology, 20 149-158. | h 014, 36, | 0.4 | 0 |
| 175 | Evaluation of shear bond strength between metal core fabricated by 3D printing and denta Journal of the Korea Academia-Industrial Cooperation Society, 2015, 16, 2585-2592. | al porcelain. | 0.0 | 0 |
| 176 | Analysis of internal fitness of single crown fabricated by additive method. Journal of Korea of Dental Technology, 2015, 37, 229-234. | n Acedemy | 0.4 | 0 |
| 177 | Precision evaluation of crown prosthesis manufactured by two bur and three bur. Journal c Acedemy of Dental Technology, 2016, 38, 57-62. | of Korean | 0.4 | 1 |
| 178 | An analysis of marginal adaptation of metal cores fabricated by selective laser sintering. Jo Korean Acedemy of Dental Technology, 2016, 38, 305-311. | urnal of | 0.4 | 1 |
| 179 | A Digital Approach to a Definitive Immediate Denture: A Clinical Report. Journal of Korean Science, 2016, 9, 74-80. | Dental | 0.1 | 1 |
| 180 | Duplicate complete dentures made by general digital devices: Evaluation of material prope clinical trial. Annals of Japan Prosthodontic Society, 2017, 9, 357-364. | rties and | 0.0 | 1 |
| 182 | ADVANTAGES AND DISADVANTAGES OF 3-D MODELING IN DENTISTS. Bulletin of Problems Medicine, 2019, 3, 257. | s Biology and | 0.0 | 0 |
| 183 | New Improved Method of Setting the Jaw's Coordinate System. Lecture Notes in Mech Engineering, 2019, , 170-184. | anical | 0.3 | 0 |
| 185 | Chewing and Bite Force Efficiency of Innovative Implant Assisted Overdentures. Egyptian I Journal, 2019, 65, 2981-2992. | Dental | 0.1 | 2 |
| 186 | Strains Induced in CAD/CAM Milled Mandibular Implant Retained Overdentures In vivo Stra Analysis. Egyptian Dental Journal, 2019, 65, 2931-2944. | ain Gauge | 0.1 | 1 |
| 187 | Masticatory efficiency, quality of life, comfort, retention and satisfaction on digital denture report. Rgo, 0, 69, . | 2: Case | 0.2 | 0 |
| 188 | 3D printing technology in planning of surgical strategy for complex congenital heart defec Kardiologiya I Serdechno-Sosudistaya Khirurgiya, 2020, 13, 294. | ts | 0.1 | 3 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 189 | Effect of surface treatment on shear bond strength between artificial resin teeth and 3D printing denture base resin. The Journal of Korean Academy of Prosthodontics, 2020, 58, 300. | 0.0 | 1 |
| 190 | Tensile bond strength of chairside reline resin to denture bases fabricated by subtractive and additive manufacturing. The Journal of Korean Academy of Prosthodontics, 2020, 58, 177. | 0.0 | 2 |
| 191 | Digital Workflow for Full-Arch Implant-Supported Prosthesis Based on Intraoral Scans of a Relative of the Patient. Journal of Oral Implantology, 2021, 47, 68-71. | 0.4 | 5 |
| 193 | Evaluation of the Stresses induced from zirconia teeth on implant retained mandibular overdenture (strain gauge analysis). Egyptian Dental Journal, 2020, 66, 2575-2585. | 0.1 | Ο |
| 194 | Evaluation of functional suitable digital complete denture system based on 3D printing technology. Journal of Advanced Prosthodontics, 2021, 13, 361. | 1.1 | 7 |
| 195 | Patient satisfaction with conventional dentures vs. digital dentures fabricated using 3D-printing: A randomized crossover trial. Journal of Prosthodontic Research, 2022, 66, 623-629. | 1.1 | 18 |
| 196 | Computer-Aided Design and Computer-Aided Manufacturing (CAD/CAM) Complete Dentures for Atrophic Alveolar Ridges: Workflow Combining Conventional and Novel Techniques. Cureus, 2022, 14, e21093. | 0.2 | 2 |
| 197 | Effect of different disinfection protocols on the surface properties of CAD-CAM denture base materials. Journal of Prosthetic Dentistry, 2023, 130, 787-795. | 1.1 | 5 |
| 198 | A Comparison of the Surface and Mechanical Properties of 3D Printable Dentureâ€Base Resin Material and Conventional Polymethylmethacrylate (PMMA). Journal of Prosthodontics, 2023, 32, 40-48. | 1.7 | 36 |
| 199 | Development of Additive Manufacturing-Based Medical Products for Clinical Translation and Marketing. , 2022, , 267-292. | | 5 |
| 200 | Flexural strength of CAD/CAM denture base materials: Systematic review and meta-analysis of in-vitro studies. Journal of International Society of Preventive and Community Dentistry, 2022, 12, 160. | 0.4 | 23 |
| 201 | Is the Number of Appointments for Complete Denture Fabrication Reduced with CAD-CAM? A Literature Review. Prosthesis, 2022, 4, 91-101. | 1.1 | 6 |
| 202 | Comparison of the Accuracy between Denture Bases Produced by Subtractive and Additive Manufacturing Methods: A Pilot Study. Prosthesis, 2022, 4, 151-159. | 1.1 | 12 |
| 203 | Water Sorption, Solubility, and Translucency of 3D-Printed Denture Base Resins. Dentistry Journal, 2022, 10, 42. | 0.9 | 28 |
| 204 | Fabrication of complete denture using digital technology in patient with mandibular deviation: a case report. Journal of Dental Rehabilitation and Applied Science, 2022, 38, 34-41. | 0.1 | 0 |
| 205 | Evaluation of the Effect of Different Construction Techniques of CAD AM Milled, 3Dâ€Printed, and Polyamide Denture Base Resins on Flexural Strength: An In Vitro Comparative Study. Journal of Prosthodontics, 2023, 32, 77-82. | 1.7 | 22 |
| 206 | A comparison study on shear bond strength of 3D printed resin and conventional heat-cured denture base resin to denture relining materials. Journal of Dental Rehabilitation and Applied Science, 2021, 37, 232-243. | 0.1 | 4 |
| 207 | Fabrication of complete denture by stereolithography-based 3D printing: a case report. Oral Biology Research, 2021, 45, 231-236. | 0.0 | 0 |

| # | Article | IF | Citations |
|-----|--|-----|-----------|
| 208 | Comparison of some physical properties of CAD/CAM millled PEEK and PMMA with conventional denture base materials. Mersin Üniversitesi Sağlık Bilimleri Dergisi, 2021, 14, 484-494. | 0.2 | 1 |
| 209 | Thermal-cycling, simulated brushing, and beverages induced color changes and roughness of CAD/CAM poly (methyl methacrylate) denture resins. Materials Research Express, 2021, 8, 125401. | 0.8 | 7 |
| 210 | Effects of wearing removable dentures and aging on palatal mucosa blood flow by laser doppler. Journal of Indian Prosthodontic Society, The, 2022, 22, 161. | 0.3 | 0 |
| 211 | Current Implementation of Digital Dentistry for Removable Prosthodontics in US Dental Schools. International Journal of Dentistry, 2022, 2022, 1-10. | 0.5 | 9 |
| 212 | In-vitro comparative evaluation for the surface properties and impact strength of CAD/CAM milled, 3D printed, and polyamide denture base resins. Journal of International Society of Preventive and Community Dentistry, 2022, 12, 126. | 0.4 | 20 |
| 213 | Special Issue on Current Techniques and Materials in Dentistry. Applied Sciences (Switzerland), 2022, 12, 4439. | 1.3 | 0 |
| 214 | Comparison of Dimensional Changes Between CADâ€CAM Milled Complete Denture Bases and 3D Printed Complete Denture Bases: An In Vitro Study. Journal of Prosthodontics, 2023, 32, 11-19. | 1.7 | 9 |
| 215 | Flexural Properties and Hardness of CAD AM Denture Base Materials. Journal of Prosthodontics, 2023, 32, 318-324. | 1.7 | 17 |
| 216 | Tissue Surface Adaptation and Clinical Performance of CAD-CAM Milled versus Conventional Implant-Assisted Mandibular Overdenture. International Journal of Dentistry, 2022, 2022, 1-11. | 0.5 | 2 |
| 217 | Effect of thermocycling on shear bond strength of PEEK—A comparative study of resin luting cements: An In-Vitro study. Journal of Pharmacy and Bioallied Sciences, 2022, 14, 679. | 0.2 | 1 |
| 218 | Physical and Mechanical Properties of 3D-Printed Provisional Crowns and Fixed Dental Prosthesis Resins Compared to CAD/CAM Milled and Conventional Provisional Resins: A Systematic Review and Meta-Analysis. Polymers, 2022, 14, 2691. | 2.0 | 37 |
| 219 | Surface roughness and stainability of CAD-CAM denture base materials after simulated brushing and coffee thermocycling. Journal of Prosthetic Dentistry, 2022, , . | 1.1 | 5 |
| 220 | Comparison of Surface Roughness and Color Stability of Different Denture Characterizing Composite Resins: The Effect of Different Surface Treatments. Journal of Prosthodontics, 2023, 32, 53-60. | 1.7 | 1 |
| 221 | Trueness of intraoral scanning of edentulous arches: A comparative clinical study. Journal of Prosthodontics, 2023, 32, 26-31. | 1.7 | 14 |
| 222 | Effect of surface treatment on shear bond strength of relining material and 3D-printed denture base. Journal of Advanced Prosthodontics, 2022, 14, 262. | 1.1 | 4 |
| 223 | Fundamentals of Computer-Aided Design (CAD) in Dental Healthcare: From Basics to Beyond. , 2022, , 93-119. | | 0 |
| 224 | Contemporary Applications of 3D Printing in Prosthodontics. , 2022, , 151-197. | | 0 |
| 225 | A complete digital approach for facially generated full arch diagnostic wax up, guided surgery, and implantâ€supported interim prosthesis by integrating 3D facial scanning, intraoral scan, and CBCT. Journal of Prosthodontics, 0, , . | 1.7 | 2 |

| # | Article | IF | CITATIONS |
|-----|---|-----|-----------|
| 227 | Rehabilitation of the edentulous patient with implant overdenture using CAD-CAM denture system: A case report. The Journal of Korean Academy of Prosthodontics, 2022, 60, 374. | 0.0 | 0 |
| 228 | Complete denture rehabilitation utilizing digital process: A case report. The Journal of Korean Academy of Prosthodontics, 2022, 60, 313. | 0.0 | 0 |
| 229 | Effect of cigarette smoke and denture cleansers on the surface properties and color stability of CAD-CAM and conventional denture base resins. Dental Materials Journal, 2023, , . | 0.8 | 0 |
| 230 | Diş eti modifikasyonunda kullanılan indirekt kompozit rezinler ve ısı ile polimerize olan polimetil metakrilat kaide materyalinin yüzey pürüzlülüğüne protez temizleme ajanlarının etkisinin deÄŸerlendirilmesi. Selcuk Dental Journal, 0, , . | 0.1 | 0 |
| 231 | Fit Accuracy of Complete Denture Base Fabricated by CAD/CAM Milling and 3D-Printing Methods. European Journal of Dentistry, 2023, 17, 889-894. | 0.8 | 4 |
| 232 | Tensile bond strength of autoâ€polymerizing and heatâ€polymerizing denture reliners on the conventional and CAD–CAM denture base materials. Journal of Prosthodontics, 2023, 32, 87-95. | 1.7 | 2 |
| 233 | Efficacy of Denture Cleansers on Microbial Adherence and Surface Topography of Conventional and CAD/CAM-Processed Denture Base Resins. Polymers, 2023, 15, 460. | 2.0 | 11 |
| 234 | Evaluation of surface properties and elastic modulus of CAD-CAM Milled, 3D printed, and compression moulded denture base resins: An in vitro study. Journal of International Society of Preventive and Community Dentistry, 2022, 12, 630. | 0.4 | 5 |
| 235 | Maxillary Obturator Prosthesis Made with Polyetherketoneketone Using Optical Impression and CAD/CAM System. Bulletin of Tokyo Dental College, The, 2023, 64, 31-37. | 0.1 | 1 |
| 236 | Treatment of upper and lower 3D printing CAD-CAM dentures using the POP (PNUD Occlusal Plane) Bow system, a prefabricated occlusal plane transfer device: A case report. The Journal of Korean Academy of Prosthodontics, 2023, 61, 44. | 0.0 | 1 |
| 237 | Analysis of the trueness and precision of complete denture bases manufactured using digital and analog technologies. Journal of Advanced Prosthodontics, 2023, 15, 22. | 1.1 | 3 |
| 238 | LEVERAGING ARTIFICIAL INTELLIGENCE IN DENTISTRY. , 2023, , 30-35. | | 0 |
| 239 | Computer-Engineered Complete Dentures: Where Are We Now? A Review. Journal of the California Dental Association, 2021, 49, 381-391. | 0.0 | 0 |
| 240 | Impact of popular beverages on polyamides versus polymethyl methacrylate denture base materials colour stability: in vitro study. Bulletin of the National Research Centre, 2023, 47, . | 0.7 | 0 |
| 241 | Patient satisfaction and oral healthâ€related quality of life for four implantâ€assisted mandibular overdentures fabricated with <scp>CAD </scp> /CAM milled poly methyl methacrylate, <scp>CAD </scp> /cscp>CAM â€milled poly ether ether ketone, or conventional poly methyl methacrylate: A crossover clinical trial. Journal of Oral Rehabilitation, 2023, 50, 566-579. | 1.3 | 0 |