BİRUNİ UNIVERSITY "Future of Science"

CURRICULUM VITAE AND PUBLICATIONS LIST



CURRICULUM VITAE

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PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Sabatını G. P., Dönmez M. B., Çakmak G., Demirel M., Al-haj Husaın N., Sesma N., Yoon H., Yılmaz B., "Additive manufacturing trueness and internal fit of crowns in resin modified with a commercially available ceramic composite concentrate", *The Journal of Prosthetic Dentistry*, 2024.

A2. Demirel M., Dönmez M. B., "Fabrication trueness and internal fit of different lithium disilicate ceramics according to post-milling firing and material type", *Journal of Dentistry*, vol. 144, 2024.

A3. Ateş G., Demirel M., Dönmez M. B., Dayan S. Ç., Sülün T., "Effect of material and antagonist type on the wear of occlusal devices with different compositions fabricated by using conventional, additive, and subtractive manufacturing", *JOURNAL OF PROSTHETIC DENTISTRY*, 2024.

A4. Demirel M., Dönmez M. B., Şahmalı S. M., "Trueness and precision of mandibular complete-arch implant scans when different data acquisition methods are used", *Journal of Dentistry*, vol. 138, 2023.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Balaban M., Demirel M., Diken Türksayar A. A., Dönmez M. B., Trueness and Internal Fit of Additively Manufactured Interim Crowns, In: *FDI World Dental Congress 2024*, İstanbul, Turkey, 2024.

B2. Demirel M., Bahtınur Ş., Öztürk B. N., Effect Of Lip-Position In Digital Impressions On Smile Aesthetics, In: *FDI World Dental Congress 2024*, İstanbul, Turkey, 2024.

B3. Bilecen K., Arpacı H. A., Koç E., Selvi M. N., Demirel M., Bio-Copy Technique and Preparation Analysis With Digital Impression, In: *FDI World Dental Congress 2024*, İstanbul, Turkey, 2024.

B4. Demirel M., Effect of Two Different Complete Digital Workflow on the Implant Impression, In: *Türk Oral İmplantoloji Derneği XXXIII. Uluslararası Bilimsel Kongresi*, İstanbul, Turkey, 2024.

B5. Demirel M., Comparison of Accuracy and Precision in Bridge Restorations Using Different Milling Machines, In: *27th Congress of the Balkan Stomatological Society (BaSS)*, İstanbul, Turkey, 2024, pp. 107-107.

B6. Diken Türksayar A. A., Petersmann S., Spıntzyk S., Demirel M., Dönmez M. B., Retention of additively and subtractively - manufactured polyetheretherketone to titanium base abutment: A pilot study, In: *30th Annual Scientific Meeting of the European Association for Osseointegration*, Berlin, Germany, 2023.

B7. Demirel M., Farklı Tasarım Programlarıyla Yapılan Tam Kron Restorasyonlarının Doğruluk ve Uyum Değerlendirmesi: İn Vitro Çalışma, In: *Türk Dişhekimleri Birliği 27. Uluslararası Dişhekimliği Kongresi*, Ankara, Turkey, 2023.

B8. Öztemel N., Demirel M., Diken Türksayar A. A., Evaluation of Trueness of 3D-Printed Custom Open Trays For Single Implant Impressions, In: *46th EPA Congress*, Vilnius, Lithuania, 2023.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Demirel M., "Diş Hekimliğinde Yeni Dönem Dijital Çağ: CAI/CAD/CAM Teknolojisi", *Güncel Diş Hekimliği Araştırmaları-I*, ÖZGÜR PUBLICATIONS, İstanbul, 2023.

C2.2. Demirel M., "Dental İmplant Üstü Ölçü Sistemleri ve Teknikleri", *Sağlık Bilimleri Alanında Uluslararası Araştırmalar - III*, ÖZGÜR PUBLICATIONS, İstanbul, 2023.

D. Articles published in national peer-reviewed journals:

D1. Demirel M., Diken Türksayar A. A., Dönmez M. B., "Dimensional Stability of Additively Manufactured Maxillary Dental Casts for a Three-unit Fixed Partial Denture Fabricated with Different Build Orientations", *Eurasian Dental Research*, vol. 2, no. 1, 2024.

D2. Ceylan G., Diken Türksayar A. A., Demirel M., Emir F., Dönmez M. B., "Farklı İntraoral Tarayıcıların İmplant Ölçü Hassasiyeti Üzerindeki Etkisinin Değerlendirilmesi", *ADO Klinik Bilimler Dergisi*, vol. 13, no. 1, 2024.