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International Researcher IDs

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Education

Expertise In Medicine, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, Turkey 2005 - 2011

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Turkey 2005 - 2011

Undergraduate, Ankara University, Diş Hekimliği Fakültesi, Turkey 1999 - 2004

Dissertations

Expertise In Medicine, Investigation of physical and biological properties of copolymer acrylic resins, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2011

Research Areas

Health Sciences

Academic Positions

Associate Professor, Bursa Uludağ University, DİŞ HEKİMLİĞİ FAKÜLTESİ, KLİNİK BİLİMLER, 2023 - Continues

Associate Professor, Tokat Gaziosmanpaşa University, 2020 - 2021

Assistant Professor, Tokat Gaziosmanpaşa University, 2013 - 2020

Research Assistant, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2005 - 2011

Academic and Administrative Experience

University Executive Board Member, Tokat Gaziosmanpaşa University, 2019 - 2020

Member of the Senate, 2013 - 2016

Head of Department, 2014 - 2015

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Determination of *Streptococcus mutans* retention in acidic and neutral pH artificial saliva environment of all-ceramic materials with different surface treatment**
HAYRAN Y., KUŞÇU S., AYDIN A.
BMC ORAL HEALTH, vol.25, no.1, 2025 (SCI-Expanded)
- II. **Influence of various fabrication techniques and porcelain firing on the accuracy of metal-ceramic crowns**
Usta Kutlu İ., HAYRAN Y.
BMC Oral Health, vol.24, no.1, 2024 (SCI-Expanded)
- III. **Adhesive bond strength of monolithic zirconia ceramic finished with various surface treatments**
Sarıkaya I., HAYRAN Y.
BMC Oral Health, vol.23, no.1, 2023 (SCI-Expanded)
- IV. **Fracture resistance and marginal fit of the zirconia crowns with varied occlusal thickness**
Tekin Y. H., HAYRAN Y.
JOURNAL OF ADVANCED PROSTHODONTICS, vol.12, no.5, pp.283-290, 2020 (SCI-Expanded)
- V. **Flexural strength of polymethyl methacrylate copolymers as a denture base resin**
HAYRAN Y., KESKİN Y.
DENTAL MATERIALS JOURNAL, vol.38, no.4, pp.678-686, 2019 (SCI-Expanded)
- VI. **Antimicrobial Activity of Ozone against Pathogenic Oral Microorganisms on Different Denture Base Resins**
HAYRAN Y., Deniz S. T., Aydın A.
OZONE-SCIENCE & ENGINEERING, vol.42, no.1, pp.43-53, 2019 (SCI-Expanded)
- VII. **Effects of dynamic aging on the wear and fracture strength of monolithic zirconia restorations**
Sarıkaya I., HAYRAN Y.
BMC ORAL HEALTH, vol.18, 2018 (SCI-Expanded)
- VIII. **Total Maxillectomy with Prosthetic Reconstruction Technique**
HAYRAN Y., Akbulut N.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.7, pp.939-941, 2018 (SCI-Expanded)
- IX. **Effect of surface finishing on the colour stability and translucency of dental ceramics**
Sarıkaya I., Yerliyurt K., HAYRAN Y.
BMC ORAL HEALTH, vol.18, 2018 (SCI-Expanded)
- X. **Determination of the effective anticandidal concentration of denture cleanser tablets on some denture base resins**
HAYRAN Y., Sarıkaya I., Aydın A., Tekin Y. H.
JOURNAL OF APPLIED ORAL SCIENCE, vol.26, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **EVALUATION OF SHEAR BOND STRENGTH OF DIFFERENT RESIN CEMENTS AFTER ZIRCONIA SURFACE TREATMENTS**
HAYRAN Y., KUŞÇU S., SARIKAYA I.
European annals of dental sciences (Online), vol.48, no.1, pp.7-12, 2021 (Peer-Reviewed Journal)
- II. **Cytotoxicity of polymethylmethacrylate copolymers**
HAYRAN Y., KESKİN Y., YILMAZ Ş.
Annals of Medical Research, vol.26, no.9, pp.1868-1874, 2019 (Peer-Reviewed Journal)
- III. **Determination of the Effective Time of Denture Cleanser Tablets on the Removal of Candida Albicans on Denture Base Resins**
HAYRAN Y.
Cumhuriyet Dental Journal, vol.22, no.3, pp.325-335, 2019 (Peer-Reviewed Journal)
- IV. **Comparison of Survival Rates of Short Versus Long Dental Implants: A Retrospective Study**
AKBULUT N., ALTAN A., HAYRAN Y., BAĞIŞ N., SOYLU E., Çakmak Ş. K., SEKİ U., ORHAN K.

Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.25, no.1, pp.63-72, 2019 (Peer-Reviewed Journal)

- V. **Evaluation of the time-dependent effect of an enzymatic denture cleanser tablet against six microbial species**
HAYRAN Y., AYDIN A.
Annals of Medical Research, vol.26, no.8, pp.1556-1564, 2019 (Peer-Reviewed Journal)
- VI. **Effect of Different Surface Finishing Methods and Colorant Solutions on Translucency of Monolithic CAD/CAM Ceramics**
HAYRAN Y., SARIKAYA I.
MEANDROS MEDICAL AND DENTAL JOURNAL, vol.20, pp.144-151, 2018 (Peer-Reviewed Journal)
- VII. **Effects of Polishing on Color Stability and Surface Roughness of CAD-CAM Ceramics**
SARIKAYA I., HAYRAN Y.
MEANDROS MEDICAL AND DENTAL JOURNAL, vol.19, no.2, pp.153-159, 2018 (ESCI)
- VIII. **Treatment of a Patient with a Congenital Tooth Anomaly by an Implant-Supported Fixed Hybrid Prosthesis: A Case Presentation**
AKBULUT N., HAYRAN Y.
World Journal of Surgery and Surgical Research, vol.1, no.1019, pp.1-3, 2018 (Peer-Reviewed Journal)
- IX. **İmplant Yüzey Şekillendirme Teknolojileri**
HAYRAN Y., AKBULUT N., SOYLU E., TÜMER M. K.
Türkiye Klinikleri J Oral Maxillofac Surg-Special Topics, vol.2, no.2, pp.98-105, 2016 (Peer-Reviewed Journal)
- X. **Su Banyosu ve Mikrodalga Enerjisi ile Post polimerizasyon Uygulamalarının Protez Kaide Rezinlerinden Salınan Artık Monomer Miktarı Üzerine Etkisi**
HAYRAN Y.
Gaziosmanpaşa Üniversitesi Tıp Fakültesi Dergisi, vol.8, no.2, pp.97-108, 2016 (Peer-Reviewed Journal)
- XI. **The Use of Oral Implants in the Growing Patients**
HAYRAN Y., KESKİN Y.
Türkiye Klinikleri J Dental Sci-Special Topics, vol.1, no.1, pp.95-102, 2010 (Peer-Reviewed Journal)

Books

- I. **Alt Çene Defektlerinde Protetik Rehabilitasyon**
HAYRAN Y.
in: Diş Hekimliği Pratiğinde Çene Yüz Protezlerine Güncel Yaklaşımlar, Akay Canan, Editor, Akademisyen Kitabevi, Ankara, pp.95-103, 2021

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **The Effect of Prosthetic Retention and Cantilever Design on Stress Distribution in Implant Supported Fixed Reconstructions**
Yüksel Baysal A., Hayran Y.
Selçuk Üniversitesi 3. Uluslararası Yenilikçi Diş Hekimliği Kongresi, Konya, Turkey, 25 - 27 November 2022, pp.1-349
- II. **Tam Seramik Materyallerinin S. Mutans Tutulumlarının Karşılaştırılması**
HAYRAN Y., SARIKAYA I., AYDIN A., KUŞÇU S.
2.Uluslararası Sağlık Araştırmaları Kongresi ICOHER- 2022, Turkey, 12 October 2022
- III. **Vida ve siman tutuculu üç üyeli implant üstü köprülerin oluşturduğu stres dağılımının sonlu elemanlar stres analizi yöntemi ile incelenmesi**
YÜKSEL BAYSAL A., HAYRAN Y.
Sivas Cumhuriyet Üniversitesi 2. Uluslararası Diş Hekimliği Kongresi, Sivas, Turkey, 22 September 2022
- IV. **All-On-Four Tekniğine Göre Yerleştirilen İmplantlarda Farklı Alt Yapı Materyalleri Kullanımının Stres**

Dağılımına Etkisinin Sonlu Elemanlar Stres Analizi Yöntemi İle Değerlendirilmesi

UYSAL A., HAYRAN Y.

24. Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, 31 October - 02 November 2019

- V. **Protez temizleyici tabletin kaide rezinleri üzerinde tutunan çeşitli mikroorganizmaların uzaklaştırılmasındaki etkinliğinin değerlendirilmesi**
HAYRAN Y.
International Hippocrates Congress on Medical and Health Sciences, 1 - 03 March 2019, pp.154-155
- VI. **Evaluation of Color Stability of CAD/CAM Ceramics with Two Different Color Formulations**
SARIKAYA I., YILDIZ DİLLİ H., ZORLU E., HAYRAN Y.
6. Uluslararası Türk Protodonti ve İmplantoloji Derneği Sempozyumu, 2 - 04 November 2018, pp.79-84
- VII. **Primary reconstruction technique after radical maxillectomy for a patient who wassquamous cell carcinoma in the hard palate**
HAYRAN Y., YÜKSEL A., UYSAL A.
International Congress on Preventive Dentistry, 5 - 08 March 2018, pp.95
- VIII. **Combined treatment approach with implant-supported prosthesis: A case report**
SARIKAYA I., KAYMAK S., YILDIZ DİLLİ H., HAYRAN Y.
International Congress on Preventive Dentistry, 5 - 08 March 2018, pp.91
- IX. **Seramiklerin Kırılma Dayanıklılığına Polisaj Tekniklerinin Etkisi.**
SARIKAYA I., HAYRAN Y., GÜLEÇ C.
23. Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, 9 - 12 November 2017, pp.109
- X. **Silk fibroin-based antimicrobial nanoparticles as a reinforcing additive for acrylate based denture resins**
ÖZDEMİR T., HAYRAN Y., AYDIN A.
ISMSIT 2017 1st International Symposium on Multidisciplinary Studies and Innovative Technologies, 2 - 04 November 2017, pp.35
- XI. **Marginal Adaptation and Wear Behavior of Monolithic Zirconia Crowns**
HAZIR TEKİN Y., HAYRAN Y.
41st annual conference of the european prosthodontic association, 28 - 30 September 2017, pp.79
- XII. **Tooth-supported Telescopic Overdenture Prosthesis**
UYSAL A., HAYRAN Y., SARIKAYA I.
41st annual conference of european prosthodontic of association, 28 - 30 September 2017, pp.167
- XIII. **Prosthetic Rehabilitation in the Presence of Inadequate Occlusal Distance**
GÜNEŞ K., HAYRAN Y., SARIKAYA I.
41st annual conference of the european prosthodontic association, 28 - 30 September 2017, pp.140-141
- XIV. **Aesthetic treatment of misplaced teeth with prosthesis**
HAYRAN Y.
TDA 23rd International Dental Congress, 21 - 24 September 2017, pp.173
- XV. **The effective concentration of the denture cleanser tablets**
HAYRAN Y., SARIKAYA I., Aydın A., HAZIR TEKİN Y.
FDI World Dental Congress, 29 August - 01 September 2017, pp.90
- XVI. **İmplantların Etrafındaki Yumuşak Dokunun Serbest Diş Eti Grefti ile Düzenlenmesi**
HAYRAN Y., KARATAŞ Ö., ŞEN E.
24. Taoms Bilimsel Kongresi, 23 - 27 May 2017, pp.147-148
- XVII. **Konjenital Diş Anomalisi Olan Bir Hastanın Hibrid İmplant Destekli Protezle Tedavisi**
HAYRAN Y., AKBULUT N.
24.Taoms Uluslararası Bilim Kongresi, 23 - 27 May 2017, pp.146-147
- XVIII. **Total Maksillektomi Uygulanan Bir Hastaya Ameliyat Sırasında Immediate Obturator Hazırlanması Ve Stabilizasyonu**
HAYRAN Y., AKBULUT N.
24.Taoms Uluslararası Bilimsel Kongresi, 23 - 27 May 2017, pp.144-145
- XIX. **Sert Damağında Skuamöz Hücreli Karsinom Olan Bir Hastaya Tedavi Yaklaşımı**

- HAYRAN Y., SARIKAYA I., AKBULUT N.
24.TAOMS Uluslararası Bilim Kongresi, 23 - 27 May 2017, pp.144
- XX. **İskeletsel Sınıfı III Hastanın Sabit Tüm Ağız Protetik Rehabilitasyonu: Olgu Sunumu**
HAYRAN Y., AKBULUT N., AKBULUT S.
24.Taoms Uluslararası Bilimsel Kongresi, 23 - 27 May 2017, pp.247
- XXI. **Sigara Kullanan Tam Dissiz Hastanın Implant Destekli Sabit Protezle Rehabilitasyonu**
HAZIR TEKİN Y., BALCI YÜCE H., HAYRAN Y.
ITI Türkiye Azerbaycan Kongresi, Turkey, 2 - 04 December 2016
- XXII. **Maksiller Defekte Neden Olan Oral Malign Neoplazmlara Multidisipliner Yaklaşımımız**
TÜMER M. K., AKBULUT N., HAYRAN Y.
TAOMS 2016 23th International Scientific Congress, 26 - 30 May 2016
- XXIII. **Maxillofacial Prosthesis Preparing To A Squamous Cell Carcinoma Patient With A New Technique**
HAYRAN Y., AKBULUT N.
21th Bass Congress, 12 - 15 May 2016, pp.103
- XXIV. **Aesthetic restorations in anterior region and gingival harmony case report**
HAZIR TEKİN Y., KARATAŞ Ö., HAYRAN Y., BALCI YÜCE H., SOYLU E.
10. AÇBİD Uluslararası Bilimsel Kongres, 11 - 15 May 2016, pp.182
- XXV. **Prosthetic Rehabilitation of Patient with Teeth Supported Overdentures using Cast Post and Telescopic crowns Case Report**
HAZIR TEKİN Y., HAYRAN Y., GÜLEÇ C.
22. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 12 - 15 November 2015, pp.189
- XXVI. **Restoration of the aesthetic problems occurring in the anterior region with different treatment methods**
HAZIR TEKİN Y., HAYRAN Y., YERLİYURT K., UÇAN YARKAÇ F.
22. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 12 - 15 November 2015, pp.274
- XXVII. **Prosthetic Rehabilitation of Patients with Posterior Open Bite**
HAYRAN Y., HAZIR TEKİN Y.
22. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 12 - 15 November 2015, pp.190
- XXVIII. **Aesthetic rehabilitation of a patient with severe periodontal problems using zirconium ceramic crowns A case report**
GÜLEÇ C., HAYRAN Y., HAZIR TEKİN Y.
22. Uluslararası Türk Prostodonti ve İmplantoloji Derneği Bilimsel Kongresi, 12 - 15 November 2015
- XXIX. **Temporary Restoration of Maxillary Central Incisor Loss Using a Direct Fiber Reinforced Adhesive Bridge**
HAZIR TEKİN Y., HAYRAN Y.
19. Uluslararası Estetik Diş Hekimliği Kongresi, 2 - 04 October 2015, pp.49
- XXX. **Multidisciplinary Approach to a Dentistry Patient with Implant Failure**
HAYRAN Y., AKBULUT N., HAZIR TEKİN Y.
19. Uluslararası Estetik Diş Hekimliği Kongresi, 2 - 04 October 2015, pp.49
- XXXI. **Prosthetic Rehabilitation of Mandibular Trauma Patients with Precision Attachments**
HAZIR TEKİN Y., SARIKAYA I., HAYRAN Y.
39th European Prosthodontic Association, 3 - 05 September 2015, pp.137
- XXXII. **Prosthetic rehabilitation in a patient with combination of three precision attachments**
HAYRAN Y., YERLİYURT K.
39th European Prosthodontic Association, 3 - 05 September 2015, pp.139
- XXXIII. **Mechanical reinforcement of conventional acrylic resin by copolymerization**
HAYRAN Y., KESKİN Y.
38th Annual European Prosthodontic Association, 25 - 27 September 2014, pp.92
- XXXIV. **An Investigation of Biological Properties of Acrylic Resin Copolymers**
HAYRAN Y., KESKİN Y.
FDI Annual World Dental Congress, 28 - 31 August 2013, pp.48

- XXXV. **Lateral alveolar crest augmentation with allogenic bone particulate graft and implant cover screw fixed collagen membrane during implant placement: Report of a case**
AKBULUT N., TÜMER M. K., HAYRAN Y.
20th TAOMS International Congress, 19 - 23 May 2013, pp.99
- XXXVI. **Bond Strength of Acrylic Teeth to Denture Base Resin**
HAYRAN Y., KESKİN Y.
88th General Session Exhibition of the IADR, 14 - 17 July 2010, pp.213
- XXXVII. **Effect of Reinforcement with Woven E Glass Fibers and Thermocycling on the Flexural Strength of Denture Base Resin.**
KANSU G., KESKİN Y., HAYRAN Y., KOCABAŞ Z.
33rd Annual European Prosthodontic Association, 1 - 03 October 2009, pp.114-115
- XXXVIII. **Effect of Polymerization of Temperature and Time on the Residual Monomer Content and Flexural Strength of a Denture Base Polymer**
HAYRAN Y., KESKİN Y.
33rd Annual European Prosthodontic Association, 1 - 03 October 2009, pp.114
- XXXIX. **Yüksek Çapraz Bağlantılı Kompozit ve Konvansiyonel Akrilik Rezin Esaslı Dişlerle Akrilik Kaide Arasındaki Makaslama Bağlantı Dayanıklılığının Değerlendirilmesi**
HAYRAN Y., KESKİN Y.
1.ULUSLARARASI DİCLE ÜNİVERSİTESİ DİŞ HEKİMLİĞİ KONGRESİ, 8 - 12 October 2008, pp.108
- XL. **The effect of surface treatment on the shear bond**
HAYRAN Y., ÖZTAŞ D. D., KESKİN Y.
11th Congress of the BaSS, 11 - 14 May 2006, pp.116