

Prof. Mehmet Cudi BALKAYA

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-7847-2020

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Education Information

Doctorate, Istanbul University, Faculty Of Dentistry, Protetik Diş Tedavisi, Turkey 1989 - 1996

Dissertations

Postgraduate, Bilgi sistem ve teknolojilerinin değerlendirilmesine ilişkin İstanbul Üniversitesi Dişhekimliği Fakültesinde bir uygulama, Istanbul University, Institute of Social Sciences, Hastane Ve Sağlık Kuruluşlarında Yönetim, 2007

Doctorate, Porselen Pişirme İşleminin Farklı Aşamaların Kole Uyumuna Etkisi Üzerine Araştırmalar, Istanbul University, Health Sciences Institute, Protetik Diş Tedavisi, 1996

Research Areas

Health Sciences, Dentistry, Clinical Sciences, Prosthetic Dentistry, Crown Bridge

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Dentistry, Kuron Köprü Protezi, 2014 - Continues

Professor, Istanbul University, Faculty of Dentistry, Kuron Köprü, 2014 - Continues

Courses

İmplant dayanaklı sabit protezlerde biyomekanik, Undergraduate, 2013 - 2014

Milli kuronlar, Undergraduate, 2013 - 2014

Simantasyon, Undergraduate, 2013 - 2014

Metal seramik laboratuvar aşamaları, Undergraduate, 2013 - 2014

Model hazırlığı, Undergraduate, 2013 - 2014

Hasta takibi, Undergraduate, 2013 - 2014

Mum modelaj, Undergraduate, 2013 - 2014

Revetmana alma ve döküm, Undergraduate, 2013 - 2014

İmplant dayanaklı protezlerde planlama, Undergraduate, 2013 - 2014

Seramiklerin güçlendirilmesi, Undergraduate, 2013 - 2014

Advising Theses

BALKAYA M. C., İmplant Üstü Sabit Protezlerde İmplant Sayısı, Çapı ve Açısının Stres Dağılımı Üzerine Etkisinin 3 Boyutlu Sonlu Elemanlar Yöntemi ile İncelenmesi, Doctorate, Ş.BALOĞLU(Student), 2013

Jury Memberships

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, November, 2013

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, July, 2013

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, June, 2013

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, April, 2010

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, December, 2008

Doctorate, Tez Savunma Jürisi, İSTANBUL ÜNİVERSİTESİ, September, 2007

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of Influence of Different Implant Size and Placement on Stress Distribution With 3-Dimensional Finite Element Analysis**
Balkaya M. C.
IMPLANT DENTISTRY, vol.23, no.6, pp.716-722, 2014 (SCI-Expanded)
- II. **PROSTHETIC REHABILITATION OF A PATIENT WITH A UNILATERAL CLEFT PALATE: A CLINICAL REPORT**
Balkaya M. C., Sultan H., Erdem S., Mutlu D.
JOURNAL OF PROSTHETIC DENTISTRY, vol.111, no.4, pp.269-272, 2014 (SCI-Expanded)
- III. **EFFECT OF RESIN-BASED MATERIALS ON FRACTURE RESISTANCE OF ENDODONTICALLY TREATED THIN-WALLED TEETH**
Balkaya M. C., Birdal I. S.
JOURNAL OF PROSTHETIC DENTISTRY, vol.109, no.5, pp.296-303, 2013 (SCI-Expanded)
- IV. **VISUAL AND INSTRUMENTAL EVALUATION OF COLOR MATCH ABILITY OF 2 SHADE GUIDES ON A CERAMIC SYSTEM**
Ongul D., Sermet B., Balkaya M. C.
JOURNAL OF PROSTHETIC DENTISTRY, vol.108, no.1, pp.9-14, 2012 (SCI-Expanded)
- V. **Comparison of the bond strength of laser-sintered and cast base metal dental alloys to porcelain**
Akova T., UÇAR Y., Tukay A., Balkaya M. C., Brantley W. A.
DENTAL MATERIALS, vol.24, no.10, pp.1400-1404, 2008 (SCI-Expanded)
- VI. **The use of a resin-bonded prosthesis while maintaining the diastemata: A clinical report**
Balkaya M., Gur H., Pamuk S.
JOURNAL OF PROSTHETIC DENTISTRY, vol.94, no.6, pp.507-510, 2005 (SCI-Expanded)
- VII. **Effect of Tuf-Coat on Feldspathic porcelain materials.**
Mirkelam M., Pamuk S., Balkaya M., Akgungor G.
Journal of oral rehabilitation, vol.32, no.1, pp.39-45, 2005 (SCI-Expanded)
- VIII. **THE EFFECT OF DIFFERENT DENTAL PORCELAIN SURFACE TREATMENTS ON PLAQUE FORMATION**
DEĞER S., ŞERMET İ. B., BULTAN Ö., BALKAYA M. C., KÜLEKÇİ H. G.
KEY ENGINEERING MATERIALS, vol.264-268, pp.2123-2128, 2004 (SCI-Expanded)
- IX. **The effect of different dental porcelain surface treatments on plaque formation**
Sermet B., Deger S., Balkaya M. C., Kaya D., Kulekci G. D.
EURO CERAMICS VIII, PTS 1-3, pp.2023-2026, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Estetik post-core uygulaması**
BALKAYA M. C.
Dişhekimliği Dergisi, vol.102, pp.44-47, 2012 (Peer-Reviewed Journal)
- II. **Nokturnal Bruksizmi Olan Hastalarda Durumluk Ve Sürekli Anksiyete Düzeyleri**
BALKAYA M. C.
Türkiye Klinikleri J Dental Sci, vol.16, pp.44-50, 2010 (Peer-Reviewed Journal)
- III. **Ankaferd Blood Stopper'in Sekonder Epitelizasyon üzerine etkisi**
BALKAYA M. C.
Dişhekimliği Dergisi, vol.95, pp.56-59, 2010 (Peer-Reviewed Journal)
- IV. **Orta hat diasteması'nın mevcudiyetinde protetik uygulamalar**
BALKAYA M. C.
Akademik Dental Dişhekimliği Dergisi, vol.8, pp.32-34, 2006 (Peer-Reviewed Journal)
- V. **İmplant üstü protezlerde ölçü alma yöntemleri: iki olgu sunumu**
BALKAYA M. C.
İmplantr, vol.5, pp.40-45, 2006 (Peer-Reviewed Journal)
- VI. **The influence of impression techniques on the dimensional accuracy of an addition type silicone impression material**
BALKAYA M. C.
Apolonia Journal of Dentistry, vol.14, pp.9-17, 2005 (Peer-Reviewed Journal)
- VII. **The Accuracy of Composite Resin Provisional Crowns**
BALKAYA M. C.
Balkan Journal Of Stomatology, vol.9, pp.25-29, 2005 (Peer-Reviewed Journal)
- VIII. **Tam porselen adeziv köprüler.**
ŞERMET İ. B., BALKAYA M. C.
Dişhekimliğinde Klinik, no.15, pp.120-124, 2002 (Non Peer-Reviewed Journal)
- IX. **Protetik tedavi öncesi kuron uzatma ve dişeti şekillendirme işlemi.**
ŞERMET İ. B., BALKAYA M. C.
Dişhekimliği Dergisi, no.44, pp.75-79, 2002 (Peer-Reviewed Journal)
- X. **Dikey Boyut Kaybında Oklüzal Tedavi: Olgu Bildirisi**
BALKAYA M. C.
Dişhekimliğinde Klinik, vol.15, pp.120-124, 2002 (Peer-Reviewed Journal)
- XI. **Forced Eruption Technique**
BALKAYA M. C.
Balkan Journal Of Stomatology, vol.9, pp.146-149, 2002 (Peer-Reviewed Journal)
- XII. **Ölçü Alma Yöntemlerinin Karşılaştırılması**
BALKAYA M. C.
Akademik Dental Dişhekimliği Dergisi, vol.4, pp.46-50, 2002 (Peer-Reviewed Journal)
- XIII. **Oklüzal Aşınma Nedeniyle Oluşan Dikey Boyut Kaybında Protetik Tedavi Uygulaması**
BALKAYA M. C.
Dişhekimliğinde Klinik, vol.15, pp.51-55, 2002 (Peer-Reviewed Journal)
- XIV. **Dişlere Uygulanan Cila Patlarının Porselen Yüzey Pürüzlülüğüne Etkisi**
BALKAYA M. C.
Akademik Dental Dişhekimliği Dergisi, vol.4, pp.1-5, 2002 (Peer-Reviewed Journal)
- XV. **Dezenfektanların Silikon Esaslı Ölçülerin Boyutsal Stabilitésine Etkisi**
BALKAYA M. C.
Dişhekimliği Dergisi, vol.9, pp.230-238, 2002 (Peer-Reviewed Journal)
- XVI. **Farklı Elektrocerrahi Uygulamaları**
BALKAYA M. C.
Dişhekimliğinde Klinik, vol.15, pp.1-5, 2002 (Peer-Reviewed Journal)

- XVII. **Porselen cila yöntemlerinin yüzey pürüzlülüğüne etkisi**
BALKAYA M. C.
Dişhekimliği Dergisi, vol.9, pp.103-107, 2002 (Peer-Reviewed Journal)
- XVIII. **Tükürük Akış Hızı ve İçeriğine Etki Eden Faktörler**
BALKAYA M. C.
Dişhekimliği Dergisi, vol.8, pp.35-40, 2001 (Peer-Reviewed Journal)
- XIX. **Reçine Bağlantılı Adeziv Köprüler**
BALKAYA M. C.
Quintessence, Estetik Dişhekimliği Akademisi Derneği Dergisi, vol.6, pp.33-39, 2001 (Peer-Reviewed Journal)
- XX. **Aljinat Ölçü Maddesinin Boyutsal Stabilesinin Değerlendirilmesi**
BALKAYA M. C.
İstanbul Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.34, pp.69-73, 2000 (Peer-Reviewed Journal)
- XXI. **Carbon Fiber Mil Uygulaması:Vaka Takdimi**
BALKAYA M. C.
Akademik Dental Dişhekimliği Dergisi, vol.2, pp.6-9, 2000 (Peer-Reviewed Journal)
- XXII. **Kompozit materyallerine karşı oluşan yumuşak doku reaksiyonlarının histopatolojik olarak incelenmesi**
ŞEN D., BALKAYA M. C.
İstanbul Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.31, no.1, pp.50-54, 1997 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Temporomandibular Ağrı ve Fonksiyon Bozukluklarının Etyolojisi**
BALKAYA M. C.
in: Ağrı: Baş-Boyun ve Orofasiyal Ağrılar, İlknur Özcan, Editor, Nobel Tıp Kiteevleri, İstanbul, pp.193-231, 2000

Refereed Congress / Symposium Publications in Proceedings

- I. **In vitro comparison of the fracture resistance of different post systems on endodontically treated teeth**
ŞERMET İ. B., Kurtulmuş H., ÖNGÜL D., BALKAYA M. C.
The 65th Annual Meeting of Japanese Association for Dental Research, Tokyo, Japan, 18 - 19 November 2017, pp.1
- II. **Effect of laminate veneer design and materials on the stress distribution in a maxillary central incisor: A 3D-finite element analysis**
BALKAYA M. C.
35th Annual Conference European Prosthodontic Association (EPA), Berne, Switzerland, 29 September - 01 October 2011, pp.1
- III. **The effects of a new local haemostatic agent in secondary ephithelization: Report of two cases**
BALKAYA M. C.
AÇBİD, Antalya, Turkey, 26 - 30 May 2010, pp.1
- IV. **Marginal Fit of Zirconia Based Restorations Generated With CAD/CAM Systems**
BALKAYA M. C.
IADR/AADR/CADR 87th General Session and Exhibition J Dent Res, Miami, United States Of America, 1 - 04 April 2009, pp.1
- V. **A comparison of drying techniques on accuracy of dental Stone**
BALKAYA M. C.
IADR/AADR/CADR 87th General Session and Exhibition J Dent Res, Miami, United States Of America, 1 - 04 April 2009, pp.1
- VI. **Effect of different surface treatments on bond strength of zirconia**

BALKAYA M. C.

IADR 86th General Session & Exhibition J Dent Res, Toronto, Canada, 2 - 05 July 2008, pp.1

VII. **Effect of different oxidation temperatures and firing procedures on titanium-ceramic bond strength**

BALKAYA M. C.

10th International Conference of the European Ceramic Society (EARS), Berlin, Germany, 17 - 21 June 2007, pp.1

VIII. **The influence of surface roughness on strength of feldspathic ceramic**

BALKAYA M. C.

10th International Conference of the European Ceramic Society (EARS), Berlin, Germany, 17 - 21 June 2007, pp.1

IX. **Survival rate of zirconia ceramic restorations after two-year follow-up**

BALKAYA M. C.

30th Annual Conference European Prosthodontic Association (EPA), Londra, United Kingdom, 2 - 04 November 2006, pp.1

X. **Cytotoxicity and resin-based dental cement materials: an in-vitro study**

BALKAYA M. C.

World Military Dental Congress, Section of Defence Forces Dental Services, Xi' An, China, 17 - 21 September 2006, pp.1

XI. **Failure rates of zirconium oxide-based restorations: a clinical study**

BALKAYA M. C.

84th General Session and Exhibition of the IADR, J Dent Res, Brisbane, Australia, 28 June - 01 July 2006, pp.1

XII. **Farklı oksidasyon ısıları ve porselen pişirme işlemlerinin titanium-seramik bağlantısı üzerine etkisi**

BALKAYA M. C.

Türk Prostodonti ve İmplantoloji Derneği (TPİD) 15. Bilimsel Kongresi, Ankara, Turkey, 22 - 23 October 2005, pp.1

XIII. **Ön bölge diastema ve kesici diş eksikliğinde tek diş implant destekli protezin kullanımı: bir olgu bildirimi**

BALKAYA M. C.

Türk Prostodonti ve İmplantoloji Derneği (TPİD) 15. Bilimsel Kongresi, Ankara, Turkey, 22 - 23 October 2005, pp.1

XIV. **Palatinal Pozisyonda Bir Üst çene Kanin Dişin estetik olarak düzenlenmesi: Bir olgu bildirimi**

ŞEN D., BALKAYA M. C.

Türk prostodonti ve implantoloji derneği 15. bilimsel toplantısı, Ankara, Turkey, 1 - 04 October 2005, pp.25-26

XV. **Forced Eruption Before Prosthodontic Treatment: Case Report**

BALKAYA M. C.

28th Annual Conference European Prosthodontic Association (EPA), organized in collaboration with: Turkish Prosthodontic and Implantology Association, 14th Scientific Congress, İzmir, Turkey, 16 - 18 September 2004, pp.1

XVI. **Influence of desensitizing agents on retention of crowns cemented with various luting agents**

BALKAYA M. C.

28th Annual Conference European Prosthodontic Association (EPA), organized in collaboration with: Turkish Prosthodontic and Implantology Association, 14th Scientific Congress, İzmir, Turkey, 16 - 18 September 2004, pp.1

XVII. **Evaluation of Marginal Distortion of Three Different Margin Design**

BALKAYA M. C.

IADR/AADR/CADR 80th General Session and Exhibition of the IADR, J Dent Res, San Diego, United States Of America, 6 - 09 March 2002, pp.1

XVIII. **Adhesive Bridge Application in the Teeth with Diastema: a case report**

BALKAYA M. C.

3th International Symposium Selçuk University Faculty of Dentistry, Nevşehir, Turkey, 31 August - 03 September 2000, pp.1

XIX. **Forced Eruption Technique: A Clinical Report**

BALKAYA M. C., DERVİŞ N. E., ŞERMET İ. B., KORAY M.

5 th Congress of The Balkan Stomatological Society, BASS, Greece, 1 - 04 May 2000, pp.269

XX. **Forced eruption technique: A clinical report.**

BALKAYA M. C., DERVİŞ N. E., ŞERMET İ. B., KORAY M.

5th Congress of the Balkan Stomatological Society BaSS, 2000, Selanik, Greece, 13 - 16 April 2000, pp.269

- XXI. **Aesthetic and restorative considerations for ceramometal restorations.**
BALKAYA M. C., ŞERMET İ. B., DERVİŞ N. E.
5th Congress of the Balkan Stomatological Society BaSS, 2000, Selanik, Greece, 13 April - 16 May 2000, pp.269
- XXII. **Baş-Boyun Tümörlü Hastalarda, Radyoterapinin Serum İmmunoglobulin Değeri Üzerindeki Etkisinin İncelenmesi**
BALKAYA M. C.
FDI. Dental Forum 6. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 21 - 26 June 1999, pp.1
- XXIII. **Kuron Kök Kırıklarının Tedavisinde Disiplinler Arası Yaklaşım**
BALKAYA M. C.
Türk Endodonti Derneği V. Bilimsel Kongresi, İzmir, Turkey, 18 - 20 April 1996, pp.1
- XXIV. **Crown Lengthening by Electrosurgery and Forced Eruption:Case Reports**
BALKAYA M. C.
European Prosthodontic Association (EPA) 18th Annual Conference, İstanbul, Turkey, 7 - 09 September 1994, pp.1
- XXV. **Farklı Maryland Uygulamaları**
BALKAYA M. C.
Türk Dişhekimliği Birliği 2. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 20 - 26 June 1994, pp.1

Supported Projects

ŞERMET İ. B., BALKAYA M. C., ÖNGÜL D., KURTULMUŞ H., Project Supported by Higher Education Institutions, In vitro comparison of the fracture resistance of different post systems on endodontically treated teeth, 2017 - 2017

Activities in Scientific Journals

Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, Advisory Committee Member, 2014 - Continues
Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, Advisory Committee Member, 2006 - Continues
İstanbul Üniversitesi Dişhekimliği Dergisi Hakemliği, Advisory Committee Member, 2006 - Continues

Metrics

Publication: 57
Citation (WoS): 162
Citation (Scopus): 196
H-Index (WoS): 4
H-Index (Scopus): 4

Non Academic Experience

İ.Ü.Diş Hekimliği Fakültesi