

Assoc. Prof. BURCU BATAK

Personal Information

Office Phone: [+90 312 296 5798](tel:+903122965798)

Fax Phone: [+90 312 212 3954](tel:+903122123954)

Email: bbatak@ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/bbatak>

International Researcher IDs

ScholarID: ZoysYjsAAAAJ

ORCID: 0000-0001-5363-5067

Publons / Web Of Science ResearcherID: HFZ-9892-2022

ScopusID: 57211015010

Yoksis Researcher ID: 228822

Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Protetik Diş Tedavisi (Dr), Turkey 2007 - 2014

Undergraduate, Ankara University, Diş Hekimliği Fakültesi, Turkey 2002 - 2007

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, İmplantın "Pier abutment" olarak kullanıldığı doğal diş-implant bağlantılı sabit protetik restorasyonların biyomekanik analizi, Ankara University, Sağlık Bilimleri Enstitüsü, Protetik Diş Tedavisi (Dr), 2014

Research Areas

Dentistry

Academic Titles / Tasks

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

Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Ankara University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2023 - Continues

Courses

Patient Communication, Undergraduate, 2023 - 2024, 2022 - 2023

Early and late period problems and approaches in individuals using full dentures , Doctorate, 2022 - 2023

Dental Materials, Undergraduate, 2022 - 2023

Clinical procedures for fixed dentures, Undergraduate, 2022 - 2023

Prosthetic applications for surgically and endodontically treated teeth, Doctorate, 2022 - 2023

Research and presentation techniques, Undergraduate, 2022 - 2023

Introduction to fixed prosthodontics, Undergraduate, 2022 - 2023

Dental Anatomy, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Accuracy of Intraoral Scanners in Maxillary Defects with Different Model Variations †**
MURAT S., BATAK B., Aydoğ Ö., Öztürk C.
Diagnostics, vol.14, no.21, 2024 (SCI-Expanded)
- II. **Effects of 16% Carbamide Peroxide on Optical Properties of Thermally Aged Monolithic CAD-CAM Glass Ceramics with Different Surface Treatments**
MURAT S., BATAK B., Yilmaz D., Öztürk C.
Operative dentistry, vol.48, no.2, pp.176-185, 2023 (SCI-Expanded)
- III. **Load to Failure of High-Density Polymers for Implant-Supported Fixed Cantilevered Prostheses with Titanium Bases**
BATAK B., Cakmak G., Seidt J., Yilmaz B.
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.34, no.5, pp.608-614, 2021 (SCI-Expanded)
- IV. **Surface roughness of high-performance polymers used for fixed implant-supported prostheses**
BATAK B., Cakmak G., Johnston W. M., Yilmaz B.
JOURNAL OF PROSTHETIC DENTISTRY, vol.126, no.2, 2021 (SCI-Expanded)
- V. **Fabrication of a 3-dimensionally printed definitive cast for an obturator prosthesis by merging intraoral scan image with cone beam computed tomography data: A clinical report**
MURAT S., BATAK B.
JOURNAL OF PROSTHETIC DENTISTRY, vol.126, no.2, 2021 (SCI-Expanded)
- VI. **Effect of Crown Height on the Screw Stability of Titanium Screw-Retained Crowns**
Yilmaz B., BATAK B., Seghi R., Johnston W. M., Lang L. A.
JOURNAL OF PROSTHODONTICS-IMPLANT ESTHETIC AND RECONSTRUCTIVE DENTISTRY, vol.30, no.6, pp.515-519, 2021 (SCI-Expanded)
- VII. **Screw stability of CAD-CAM titanium and zirconia abutments on different implants: An in vitro study**
Yilmaz B., Cakmak G., BATAK B., Johnston W. M.
CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, vol.23, no.3, pp.373-379, 2021 (SCI-Expanded)
- VIII. **Effect of coded healing abutment height and position on the trueness of digital intraoral implant scans**
BATAK B., Yilmaz B., Shah K., Rathi R., Schimmel M., Lang L.
JOURNAL OF PROSTHETIC DENTISTRY, vol.123, no.3, pp.466-472, 2020 (SCI-Expanded)
- IX. **Failure analysis of high performance polymers and new generation cubic zirconia used for implant-supported fixed, cantilevered prostheses**
Yilmaz B., BATAK B., Seghi R. R.
CLINICAL IMPLANT DENTISTRY AND RELATED RESEARCH, vol.21, no.6, pp.1132-1139, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Influence of background shade and resin cement on color change of resin matrix ceramics**
BATAK B., ÖZTÜRK C.

Journal of Stomatology, vol.74, no.3, pp.160-165, 2021 (Scopus)

- II. **Evaluation of peel bond strength of a soft silicone liner to pre-polymerized CAD-CAM polymers used for digital complete dentures**
BATAK B., MURAT S.
Clinical Dentistry and Research, vol.44, no.1, pp.21-29, 2020 (Peer-Reviewed Journal)
- III. **Diş hekimliği lisans öğrencilerinin hareketli bölümlü protez planlama becerilerinin değerlendirilmesi**
BATAK B., GÖNÜLDAŞ F., GÜVEN G., AKALTAN K. F.
Yeditepe Dental Journal, vol.15, no.1, pp.1-7, 2019 (Peer-Reviewed Journal)
- IV. **Peri-İmplant Hastalıklar: Biyolojik ve Biyomekanik Faktörler**
ÜNSAL E., Önder C., BATAK B.
Türkiye Klinikleri Journal of Periodontology, vol.3, no.2, pp.94-101, 2017 (Peer-Reviewed Journal)
- V. **METH MOUTH'LU HASTANIN KAPSAMLI DENTAL REHABİLİTASYONU: VAKA SUNUMU**
GÜNEY Z., BATAK B., URSAVAŞ A., ÖNDER C., KURGAN Ş., TEZEL A.
Atatürk Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.26, no.2, pp.302-306, 2016 (Peer-Reviewed Journal)
- VI. **İki farklı kıymetsiz metal alaşımın yüzey pürüzlülüğünün karşılaştırılması**
BATAK B., TAMAM E., GÖNÜLDAŞ F., ÖZTÜRK C.
Ankara Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.43, no.1, pp.31-35, 2016 (Peer-Reviewed Journal)
- VII. **Amelogenesis imperfecta tedavisinde total overdenture uygulaması: olgu sunumu**
BATAK B.
Ankara Üniversitesi Diş Hekimliği Fakültesi Dergisi, vol.42, no.1, pp.47-50, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Üç Boyutlu Yazıcıların Protetik Uygulamalarda Kullanımı**
MURAT S., BATAK B.
in: DENTOMAKSİLLOFASİYAL RADYOLOJİDE ÜÇ BOYUTLU GÖRÜNTÜLEMEDEN ÜÇ BOYUTLU YAZICILARA, Prof. Dr. Ayşe Gülşahi, Editor, Türkiye Klinikleri, Ankara, pp.37-45, 2022
- II. **Üç Boyutlu Yazıcıların Protetik Uygulamalarda Kullanımı**
MURAT S., BATAK B.
in: Dentomaksillofasiyal Radyolojide Üç Boyutlu Görüntülemeden Üç Boyutlu Yazıcılara, Gülşahi A, Editor, Türkiye Klinikleri (Ortadoğu Reklam Tanıtım Yayıncılık Turizm Eğitim İnşaat Sanayi ve Ticaret A.Ş.), Ankara, pp.37-45, 2022
- III. **PROTETİK TEDAVİLERDE PERİODONTAL YAKLAŞIM**
KILIÇARSLAN M. A., BATAK B.
in: TEMEL PERİODONTOLOJİ, BEKLEN, ARZU, Editor, ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ, Eskişehir, pp.341-366, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Trueness of intraoral scanners in different model variations with maxillary defects**
MURAT S., BATAK B.
99th General Session&Exhibition of IADR, United States Of America, 21 - 24 July 2021
- II. **Resin-Nanoceramic Restoration of Persistent Primary 2nd Molar Teeth in Congenital Absence of Mandibular 2nd Premolar Teeth: Case Series with Clinical Follow-up**
DEMİREL A., BATAK B., AKALTAN K. F., SARI Ş.
1st International Turkish Japanese Dental Congress & 2nd Ankara-Osaka University Dental Workshop, Ankara, Turkey, 24 - 26 June 2021
- III. **Implant supported zirconia fixed partial denture: A case report**
BATAK B., GÖNÜLDAŞ F.
15th Congress of the Balkan Stomatological Society (BaSS), Selanik, Greece, 22 - 25 April 2010

- IV. **Screw stability of CAD-CAM titanium and zirconia abutments on implants with different internal conical connections**
ÇAKMAK G., BATAK B., YILMAZ B., Johnston W. M.
Academy of Osseointegration Annual Meeting (virtual), United States Of America, 12 - 14 March 2021
- V. **Termal Siklusun Konvansiyonel ve CAD/CAM Geçici Restoratif Materyallerin Renklenmesi Üzerine Etkisi-Effect of thermal cycling on color stability of conventional and CAD/CAM provisional restorative materials.**
BATAK B., MURAT S., ÇAKMAK G.
24. Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, Dalaman, Muğla., Turkey, 31 October - 03 November 2019
- VI. **EFFECT OF HOME BLEACHING ON THE SURFACE ROUGHNESS OF CAD-CAM MATERIALS WITH DIFFERENT SURFACE TREATMENTS**
YILMAZ D., BATAK B., MURAT S.
36th Year18th Biennial Meeting of the International College of Prosthodontists Joint Meeting with 43rd Annual Meeting of the European Prosthodontic Association, Amsterdam, Netherlands, 4 - 07 September 2019
- VII. **Diş Agenezisinde Süt Molar Dişlerin CAD/CAM Restorasyonları: Olgu Serisi**
DEMİREL A., BATAK B., AKALTAN K. F., SARI Ş.
Türk Dişhekimleri Birliği 25. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 4 - 07 September 2019
- VIII. **Effect of Home Bleaching Treatment on the Translucency of Novel CAD-CAM Ceramic Materials**
BATAK B., MURAT S., YILMAZ D.
36th Year18th Biennial Meeting of the International College of Prosthodontists Joint Meeting with 43rd Annual Meeting of the European Prosthodontic Association, Amsterdam, Netherlands, 4 - 07 September 2019
- IX. **Fracture analysis of high-performance polymers used for implant-supported fixed, cantilevered prostheses**
BATAK B., YILMAZ B., ALP G., RATHİ R., KARATAŞ B., JOHNSTON W. M.
Academy of Osseointegration's 34th Annual Meeting, Washington, Kiribati, 13 - 16 March 2019
- X. **CAD-CAM Seramiklerinde Yüzey Bitirme İşlemlerinin Yüzey Pürüzlülüğü ve Translusensi Üzerindeki Etkisi**
YILMAZ D., ÇİÇEKÇİ G., BATAK B., YILMAZ B., KARAAĞAÇLIOĞLU L.
Türk Diş Hekimleri Birliği 24. Uluslararası Diş Hekimliği Kongresi, Ankara, Turkey, 27 September 2018
- XI. **Management of Denture Movement with Three-Implant-Retained Mandibular Overdenture: A Case Report**
ÖZTÜRK İ., BATAK B., BOZKURT P., AKALTAN K. F.
10th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 10 - 13 May 2018
- XII. **Diş Hekimliği Öğrencilerinin Hareketli Bölümlü Protez Planlama Becerilerinin Değerlendirilmesi**
BATAK B., GÖNÜLDAŞ F., AKALTAN K. F., GÜVEN G.
23.Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, Turkey, 9 - 12 November 2017
- XIII. **Evaluation of removable partial denture design skills of dental students**
BATAK B., GÖNÜLDAŞ F., AKALTAN K. F., GÜVEN G.
23. Uluslararası Türk Protodonti ve İmplantoloji Derneği Bilimsel Kongresi, Dalaman, 9 - 12 November 2017
- XIV. **Bacterial Adhesion on Resin-Ceramic CAD-CAM Materials After Accelerated Aging**
BATAK B., DEMİREL G., AĞAN H., ALTUNDAŞ E. G.
41ST ANNUAL CONFERENCE OF EUROPEAN PROSTHODONTIC ASSOCIATION, 28 - 30 September 2017
- XV. **Effect of Dental Education on Esthetic Perception of Single Implants**
BATAK B., ÖNDER C., YILMAZ D., KURGAN Ş., TERZİOĞLU S. H.
22nd Balkan Stomatological Society (BaSS) Congress, SELANİK, Greece, 4 - 06 May 2017
- XVI. **The Influence of Multiple Firings on Shear-Bond Strength of All-Ceramics**
GÖNÜLDAŞ F., BATAK B., OĞUZ E. İ., ÖZTÜRK C.
95th General Session Exhibition of the IADR, San-Francisco, Costa Rica, 22 - 25 March 2017
- XVII. **Generalize Agresif Periodontitis Hastasında Maksiller Anterior Bölgenin Mineralize Plazmatik**

Matriks (MPM) Uygulamasý ile Rehabilitasyonu: Vaka Sunumu

ÖNDER C., TAYMAN M. A., KURGAN Ş., BATAK B., GÜNHAN M.

Türk Periodontoloji Derneđi 46. Bilimsel Kongresi, Turkey, 5 - 06 May 2016

- XVIII. **Bone Augmentation with Mineralized Plasmatic Matrix (MPM) in Aesthetic Region and Prosthetic Rehabilitation**
BATAK B., TAYMAN M. A., BAĐIŞ N.
8th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 19 - 22 April 2016
- XIX. **İmplantın "Pier Abutment" Olarak Kullanıldıđı Dış-İmplant Destekli Sabit Protetik Restorasyonların Biyomekanik Analizi**
BATAK B., AKALTAN K. F.
22. Uluslararası Turk Prosthodonti ve İmplantoloji Derneđi Bilimsel Kongresi, Antalya, Turkey, 12 - 15 November 2015
- XX. **Implant-Supported Fixed Partial Denture Alternative to a Removable Partial Denture**
BOSTAN S., OĐUZ E. İ., BATAK B.
7th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 14 - 17 May 2015
- XXI. **A two-tier system screw retained restoration with custom abutment designed by CAD-CAM**
BATAK B., OĐUZ E. İ.
7th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 14 - 17 May 2015
- XXII. **Implant-supported overdenture prosthesis retained bar-clip attachment: A case report**
Zeren Z. Ö., BATAK B.
7th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 14 - 17 May 2015
- XXIII. **Bone augmentation of maxillary anterior region and rehabilitation with implant supported fixed partial denture**
OĐUZ E. İ., BATAK B.
7th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 14 - 17 May 2015
- XXIV. **Screw retained implant restorations in one rigid fixed partial denture**
BATAK B., AKALTAN K. F., SONGÜR T.
FDI Annual World Dental Congress, İSTANBUL, 28 - 31 August 2013
- XXV. **Screw-Cement Retained Implant Restorations in One Rigid Fixed Partial Denture**
BATAK B., AKALTAN K. F., SONGÜR T.
FDI 2013 Istanbul Annual World Dental Congress, İstanbul, Turkey, 28 - 31 August 2013
- XXVI. **Oral Rehabilitation of a Generalized Aggressive Periodontitis Patient with Multiple Dental Implants**
Gergin B., ÖNDER C., KURGAN Ş., BATAK B.
5th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 20 - 23 April 2013
- XXVII. **Rehabilitation with an implant retained fixed partial denture in reduced vertical dimension: A case report**
AĐAN H., BALCI N., BATAK B., ARPAK M. N.
5th Annual International Symposium of Advanced Protocols in Oral Implantology, Antalya, Turkey, 20 - 23 April 2013
- XXVIII. **Oral rehabilitation of amelogenesis imperfecta by complete overdentures: Case report**
BATAK B., AKALTAN K. F.
36th Annual Conference of the European Prosthodontic Association, Rotterdam, Netherlands, 6 - 08 September 2012
- XXIX. **Single-tooth implant with zirconia abutment and all ceramic crown**
BATAK B., AKALTAN K. F.

16th Congress of the Balkan Stomatological Society, Bucharest, Romania, 28 - 30 April 2011

XXX. Papillon-Lefevre Sendromu: Olgu Sunumu

BATAK B., ÜNSAL E., ÖZER L., AKALTAN K. F.

Türk Periodontoloji Derneği 40. Bilimsel Kongresi, İzmir, Turkey, 14 - 16 May 2010

XXXI. Implant Supported Hybrid Prothesis: A Case Report

ÖZTAŞ D. D., GÖNÜLDAŞ F., BATAK B.

15th Congress of BaSS, Selanik, Greece, 22 - 25 April 2010

XXXII. Implant supported hybrid prosthesis: A case report

ÖZTAŞ D. D., GÖNÜLDAŞ F., BATAK B.

15th Congress of the Balkan Stomatological Society (BaSS), Selanik, Greece, 22 - 25 April 2010

Activities in Scientific Journals

European Annals of Dental Sciences, Scientific Committee Membership, 2021 - Continues

Metrics

Publication: 56

Citation (WoS): 49

Citation (Scopus): 72

H-Index (WoS): 4

H-Index (Scopus): 5