

Prof. Duygu Saraç

Personal Information

Office Phone: [+90 312 191 9](tel:+903121919) Extension: 8162

Web: <https://avesis.omu.edu.tr/dsarak>

Address: Ondokuz Mayıs Üniversitesi Diş Hekimliği Fakültesi Protetik Diş Ted. A. D. Atakum Samsun

International Researcher IDs

ORCID: 0000-0003-1076-9334

Yoksis Researcher ID: 19656

Education Information

Doctorate, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Protetik Diş Tedavisi (Dr), Turkey 2000 - 2003

Undergraduate, Hacettepe University, Diş Hekimliği Fakültesi, Turkey 1992 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Güçlendirilmiş kompozit rezin ve tamamı seramik restoratif materyallerin mekanik özelliklerinin sonlu elemanlar stres analizi yöntemiyle karşılaştırılması, Ondokuz Mayıs University, Sağlık Bilimleri Enstitüsü, Protetik Diş Tedavisi (Dr), 2003

Research Areas

Dentistry

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2012 - Continues

Associate Professor, Ondokuz Mayıs University, Diş Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2006 - 2012

Academic and Administrative Experience

Head of Department, Ondokuz Mayıs University, 2023 - Continues

Head of Department, Ondokuz Mayıs University, 2015 - 2022

Ondokuz Mayıs University, 2007 - 2010

Courses

DPR 709 İLERİ MADDELER BİLGİSİ, Doctorate, 2013 - 2014
DPR 908 UZMANLIK ALAN DERSİ, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
DPR 704 DIŞ HEKİMLİĞİNDE PORSELEN, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
DİŞ 435 PROTETİK DİŞ TEDAVİSİ (UYGULAMA), Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009
DPR 907 UZMANLIK ALAN DERSİ I, Doctorate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
DPR 716 GÜNCEL PORSELEN SİSTEMLERİ, Doctorate, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008
DPR 714 AŞIRI MADDE KAYBI OLAN DIŞLERİN PROTETİK REHABİL., Doctorate, 2011 - 2012, 2010 - 2011, 2009 - 2010
DPR 710 PROTEZ LİTERATÜRÜ, Doctorate, 2010 - 2011
DİŞ 457 PROTETİK DİŞ TEDAVİSİ (T), Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009
DPR 702 HAREKETLİ BÖLÜMLÜ PROTEZLER, Doctorate, 2009 - 2010
MYİ 308 İŞ HAYATI İÇİN YABANCI DİL, Undergraduate, 2007 - 2008
DİŞ 441 PROTETİK DİŞ TEDAVİSİ (P), Undergraduate, 2007 - 2008
MYİ 206 MESLEKİ YABANCI DİL, Undergraduate, 2007 - 2008
DİŞ 221 PROTETİK DİŞ TEDAVİSİ (T), Undergraduate, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of different liner techniques and argon plasma treatment of zirconia base on the adhesion and color change of veneering ceramic**
Sasany R., Saraç D., Ozcan M.
JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY, vol.35, no.18, pp.1981-1994, 2021 (SCI-Expanded)
- II. **Effect of different restorative crown and customized abutment materials on stress distribution in single implants and peripheral bone: A three-dimensional finite element analysis study**
Kaleli N., Saraç D., Külünk Ş., Öztürk Ö.
Journal of Prosthetic Dentistry, vol.119, no.3, pp.437-445, 2018 (SCI-Expanded)
- III. **Evaluation of marginal fit of single implant-supported metal-ceramic crowns prepared by using presintered metal blocks**
Pasali B., Saraç D., Kaleli N., Saraç Y. Ş.
JOURNAL OF PROSTHETIC DENTISTRY, vol.119, no.2, pp.257-262, 2018 (SCI-Expanded)
- IV. **Comparison of porcelain bond strength of different metal frameworks prepared by using conventional and recently introduced fabrication methods**
Kaleli N., Saraç D.
Journal of Prosthetic Dentistry, vol.118, no.1, pp.76-82, 2017 (SCI-Expanded)
- V. **Influence of porcelain firing and cementation on the marginal adaptation of metal-ceramic restorations prepared by different methods**
Kaleli N., Saraç D.
Journal of Prosthetic Dentistry, vol.117, no.5, pp.656-661, 2017 (SCI-Expanded)
- VI. **The Effect of Finishing and Polishing Techniques on the Surface Roughness and the Color of Nanocomposite Resin Restorative Materials**
Avşar A., Yuzbasioglu E., Saraç D.
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.24, no.5, pp.881-890, 2015 (SCI-Expanded)
- VII. **Effects of dentin surface treatments on hypersensitivity to bond strength of restorations: An in vitro study**
Tulga A., Saraç D.
International Journal of Periodontics and Restorative Dentistry, vol.35, no.5, 2015 (SCI-Expanded)
- VIII. **Evaluation of shear bond strength of repair acrylic resin to Co-Cr alloy**
Külünk Ş., Külünk T., Saraç D., Cengiz S., Baba S.
Journal of Advanced Prosthodontics, vol.6, no.4, pp.272-277, 2014 (SCI-Expanded)

- IX. **Effect of Various Surface Treatments on the Bond Strength of Porcelain Repair**
Saraç D., Saraç Y. Ş., Külünk Ş., Erkocak A.
INTERNATIONAL JOURNAL OF PERIODONTICS & RESTORATIVE DENTISTRY, vol.33, no.4, 2013 (SCI-Expanded)
- X. **Effect of pre-processing methods on bond strength between acrylic resin teeth and acrylic denture base resin**
Kurt M., Saraç Y. Ş., Ural Ç., Saraç D.
GERODONTOLOGY, vol.29, no.2, 2012 (SCI-Expanded)
- XI. **Effects of surface-conditioning methods on shear bond strength of brackets bonded to different all-ceramic materials**
Saraç Y. Ş., Külünk T., Elekdağ Türk S. T., Saraç D., Türk T.
EUROPEAN JOURNAL OF ORTHODONTICS, vol.33, no.6, pp.667-672, 2011 (SCI-Expanded)
- XII. **The Effects of Different Desensitizing Agents on the Shear Bond Strength of Adhesive Resin Cement to Dentin**
Külünk Ş., Saraç D., Külünk T., Karakas O.
JOURNAL OF ESTHETIC AND RESTORATIVE DENTISTRY, vol.23, no.6, pp.380-387, 2011 (SCI-Expanded)
- XIII. **In vitro evaluation of marginal adaptation in five ceramic restoration fabricating techniques**
Ural Ç., Burgaz Y., Saraç D.
QUINTESENCE INTERNATIONAL, vol.41, no.7, pp.585-590, 2010 (SCI-Expanded)
- XIV. **Effects of Three Canal Sealers on Bond Strength of a Fiber Post**
Özsezer Demiryürek E., Külünk Ş., Yuksel G., Saraç D., Bulucu B.
JOURNAL OF ENDODONTICS, vol.36, no.3, pp.497-501, 2010 (SCI-Expanded)
- XV. **A SURVEY OF CROSS-INFECTION CONTROL PROCEDURES: KNOWLEDGE AND ATTITUDES OF TURKISH DENTISTS**
Yuzbasioglu E., Saraç D., Canbaz S., Saraç Y. Ş., CENGİZ S.
JOURNAL OF APPLIED ORAL SCIENCE, vol.17, no.6, pp.565-569, 2009 (SCI-Expanded)
- XVI. **EFFECT OF FLUORIDE-CONTAINING DESENSITIZING AGENTS ON THE BOND STRENGTH OF RESIN-BASED CEMENTS TO DENTIN**
Saraç D., Külünk Ş., Sarac S., Karakas O.
JOURNAL OF APPLIED ORAL SCIENCE, vol.17, no.5, pp.495-500, 2009 (SCI-Expanded)
- XVII. **Effect of different surface treatments on the push-out bond strength of fiber post to root canal dentin**
Özsezer Demiryürek E., Külünk Ş., Saraç D., Yuksel G., Bulucu B.
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY AND ENDODONTOLOGY, vol.108, no.2, 2009 (SCI-Expanded)
- XVIII. **The effect of dentin-cleaning agents on resin cement bond strength to dentin**
Saraç D., Bulucu B., Saraç Y. Ş., Külünk Ş.
JOURNAL OF THE AMERICAN DENTAL ASSOCIATION, vol.139, no.6, pp.751-758, 2008 (SCI-Expanded)
- XIX. **Comparison of 3 polishing techniques for 2 all-ceramic materials**
Saraç D., Turk T., Elekdağ Türk S. T., Sarac Y. S.
INTERNATIONAL JOURNAL OF PROSTHODONTICS, vol.20, no.5, pp.465-468, 2007 (SCI-Expanded)
- XX. **Surface conditioning methods and polishing techniques effect on surface roughness of a feldspar ceramic**
Sarac Y. Ş., Elekdağ Türk S. T., Saraç D., Turk T.
ANGLE ORTHODONTIST, vol.77, no.4, pp.723-728, 2007 (SCI-Expanded)
- XXI. **The effect of a light-emitting diode on shear bond strength of ceramic brackets bonded to feldspathic porcelain with different curing times**
Elekdağ Türk S. T., Sarac Y. Ş., Turk T., Saraç D.
EUROPEAN JOURNAL OF ORTHODONTICS, vol.29, no.3, pp.299-303, 2007 (SCI-Expanded)
- XXII. **Effects of surface conditioning on bond strength of metal brackets to all-ceramic surfaces**
Turk T., Saraç D., Sarac Y. Ş., Elekdağ Türk S. T.
EUROPEAN JOURNAL OF ORTHODONTICS, vol.28, no.5, pp.450-456, 2006 (SCI-Expanded)

- XXIII. **The effects of porcelain polishing systems on the color and surface texture of feldspathic porcelain**
Saraç D., Sarac Y. Ş., Yuzbasioglu E., Bal S.
JOURNAL OF PROSTHETIC DENTISTRY, vol.96, no.2, pp.122-128, 2006 (SCI-Expanded)
- XXIV. **The effect of polishing techniques on the surface roughness and color change of composite resins**
Saraç D., Sarac Y. Ş., Kulunk S., Ural C., Külünk T.
JOURNAL OF PROSTHETIC DENTISTRY, vol.96, no.1, pp.33-40, 2006 (SCI-Expanded)
- XXV. **The evaluation of microleakage and bond strength of a silicone-based resilient liner following denture base surface pretreatment**
Sarac D., Sarac Y. Ş., Basoglu T., Yapici O., Yuzbasioglu E.
JOURNAL OF PROSTHETIC DENTISTRY, vol.95, no.2, pp.143-151, 2006 (SCI-Expanded)
- XXVI. **Effect of the dentin cleansing techniques on dentin wetting and on the bond strength of a resin luting agent**
Sarac D., Sarac Y., Kulunk S., Külünk T.
JOURNAL OF PROSTHETIC DENTISTRY, vol.94, no.4, pp.363-369, 2005 (SCI-Expanded)
- XXVII. **The effect of chemical surface treatments of different denture base resins on the shear bond strength of denture repair**
Sarac Y., Sarac D., Külünk T., Kulunk S.
JOURNAL OF PROSTHETIC DENTISTRY, vol.94, no.3, pp.259-266, 2005 (SCI-Expanded)
- XXVIII. **Effect of denture base surface pretreatment on microleakage of a silicone-based resilient liner**
Sarac Y., Basoglu T., Ceylan G., Sarac D., Yapici O.
JOURNAL OF PROSTHETIC DENTISTRY, vol.92, no.3, pp.283-287, 2004 (SCI-Expanded)
- XXIX. **Computerized tomographic evaluation of effects of mandibular anterior repositioning on the upper airway: A pilot study**
Ogutcen-Toller M., Sarac Y., Cakir-Ozkan N., Sarac D., Sakan B.
JOURNAL OF PROSTHETIC DENTISTRY, vol.92, no.2, pp.184-189, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Farklı Sinterleme Protokolleri Uygulanmasının Monolitik Zirkonyanın Renk Stabilitesine Etkisinin İncelenmesi**
DOĞAY D., SARAÇ D.
Türk Diş Hekimliği Araştırma Dergisi, vol.1, no.3, pp.103-112, 2022 (Peer-Reviewed Journal)
- II. **Değişken Sinterleme Protokollerinin Zirkonyanın Optik ve Mekanik Özellikleri Üzerindeki Etkisi**
DOĞAY D., SARAÇ D.
Türk Diş Hekimliği Araştırma Dergisi, vol.1, no.3, pp.113-123, 2022 (Peer-Reviewed Journal)
- III. **Effect of Various Veneering Techniques on Bond Strength and Colour Stability of Zirconia / Veneering Ceramic after Hydrothermal Aging**
SASANY R., SARAÇ D., ERGÜN KUNT G.
Journal of Evolution of Medical and Dental Sciences-JEMDS, vol.10, no.39, pp.3474-3479, 2021 (Peer-Reviewed Journal)
- IV. **Diş Hekimliği Uygulamalarında Polietereterketon**
KÜLÜNK T., KÜLÜNK Ş., SARAÇ D.
Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.3, no.3, pp.175-183, 2017 (Peer-Reviewed Journal)
- V. **Yüzey İşlemi Yapılan Zirkonya Kaideli Çok Tabakalı CAD/CAM Seramik Kronların Kırılma Dayanıklılığı**
KÜLÜNK Ş., KÜLÜNK T., KAVUT İ., SARAÇ D., ERGÜN KUNT G.
Türkiye Klinikleri Diş Hekimliği Bilimleri Dergisi, vol.23, no.3, pp.174-183, 2017 (Peer-Reviewed Journal)
- VI. **Protetik diş tedavisinde lazer sinterleme sistemleri**
KALELİ N., SARAÇ D.
Ondokuz Mayıs Üniv. Diş Hekimliği Derg., vol.15, no.3, pp.27-33, 2014 (Peer-Reviewed Journal)

- VII. **Farklı tekniklerle üretilen metal-seramik restorasyonlarda internal uyumun karşılaştırılması**
KALELİ N., SARAÇ D.
Ondokuz Mayıs Üniv. Diş Hekimliği Derg., vol.15, no.2, pp.19-26, 2014 (Peer-Reviewed Journal)
- VIII. **Lazer sinterleme ve döküm teknikleri ile elde edilen metal altyapıların tamir dayanıklılıklarının karşılaştırılması**
SARAÇ D., KALELİ N., SARAÇ Y. Ş.
Ondokuz Mayıs Üniv. Diş Hekimliği Derg., vol.13, no.3, pp.7-13, 2012 (Peer-Reviewed Journal)
- IX. **Farklı sürelerde metilen klorid uygulamasının otopolimerizan akrilin kaide materyaline bağlanma dayancı üzerine etkisi**
SARAÇ D., SARAÇ Y. Ş., KÜLÜNK Ş., KÜLÜNK T., URAL Ç.
ACTA ODONTOLOGICA TURCICA, vol.22, no.3, pp.157, 2005 (Peer-Reviewed Journal)
- X. **The evaluation of bond strength of resin cement to enamel bleached with carbamide peroxide gel**
SARAÇ Ş., SARAÇ D.
Ondokuz Mayıs Üniv. Diş Hekimliği Derg., vol.4, no.3, pp.109-113, 2003 (Peer-Reviewed Journal)
- XI. **Investigation of water and artificial saliva absorption and solubility of a silicone based soft denture liner in different pH values**
SARAÇ Ş., SARAÇ D., KURT M.
Ondokuz Mayıs Üniv. Diş Hekimliği Derg., vol.4, no.3, pp.119-124, 2003 (Peer-Reviewed Journal)
- XII. **Polimetil Metakrilat Rezinlerin Transvers Dayanıklılığı Üzerine Cam Etkisi**
CEYLAN G., SARAÇ D., AYDEMİR H.
Selçuk Üniversitesi Dişhekimliği Fakültesi Dergisi, vol.11, no.1, pp.26-30, 2001 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Farklı Sinterleme Protokolleri Uygulanmasının Monolitik Zirkonyanın Renk Stabilitesine Etkisinin İncelenmesi**
DOĞAY D., SARAÇ D.
Türk Prostodonti ve İmplantoloji Derneği 7. Uluslararası Bahar Sempozyumu, İstanbul, Turkey, 21 October 2022, pp.72
- II. **Effect of different abutment materials on stresses in inner screws**
KALELİ N., SARAÇ D., KÜLÜNK Ş.
41st Annual Congress of EPA (Eurepoean Prosthodontic Association), 28 - 30 September 2017
- III. **Fracture strength of surface treated zirconia based multilayer CAD CAM ceramic crowns**
KÜLÜNK Ş., KÜLÜNK T., kavut i., SARAÇ D., ERGÜN KUNT G.
EUROPEAN ASSOCIATION FOR OSSEOINTEGRATION, 29 September - 01 October 2016
- IV. **The marginal adaptation of metal frameworks prepared by different methods**
SARAÇ D., PAŞALI B., KALELİ N.
39th Annual Congress of EPA (European Prosthodontic Association), 3 - 05 September 2015
- V. **Bond strength of veneering-ceramic to frameworks prepared by different methods**
SARAÇ D., KALELİ N.
38th Annual Congress of EPA (European Prosthodontics Association), 25 - 27 September 2014
- VI. **The effects of surface coating method on microleakage between porcelain and metal**
BABA S., KÜLÜNK Ş., YAPICI O., SARAÇ D., KALELİ N.
37th Annual Congress of EPA (European Prosthodontics Association), 21 - 23 August 2013
- VII. **Comparative repair strength of laser sintered and cast base metal dental alloys**
SARAÇ D., KALELİ N., SARAÇ Y. Ş.
37th Annual Congress of EPA (European Prosthodontics Association), 21 - 23 August 2013
- VIII. **"Üç farklı kanal patının bir adeziv rezin siman ile Fiber Postun Dentine Bağlanma Dayanıklılığına etkisinin değerlendirilmesi"**
ÖZSEZER DEMİRYÜREK E., KÜLÜNK Ş., YÜKSEL G., SARAÇ D., BULUCU N. B.

Türk Endodonti Derneği 4. Bilimsel Endodonti Sempozyumu, Antalya, Turkey, 23 - 26 April 2009

IX. **“Farklı Yüzey İşlemlerinin Quartz Fiber Postun Kök Dentinine Bağlanma Dayanıklılığına Etkisi”**

ÖZSEZER DEMİRYÜREK E., KÜLÜNK Ş., YÜKSEL G., SARAÇ D., BULUCU N. B.

Türk Endodonti Derneği 3. Bilimsel Endodonti Sempozyumu, Antalya, Turkey, 23 - 27 April 2008

Supported Projects

Saraç D., Project Supported by Higher Education Institutions, CO2 Lazer Yüzey İşleminin Farklı Materyallerle Tamir Edilen Zirkonyum Oksit Alt Yapılı Seramik Restorasyonun Tamir Dayanımına ve Renk Stabilitesine Etkisinin İncelenmesi, 2022 - 2023

Saraç D., Project Supported by Higher Education Institutions, Obstrüktif uyku apne tedavisinde kullanılan iki farklı ağız içi apareyin tedavi etkinliği ve yan etkileri açısından karşılaştırılması, 2019 - 2020

Saraç D., Project Supported by Higher Education Institutions, Farklı üstyapı tekniklerinin zirkonyum altyapılı tam seramik restorasyonların rengine ve makaslama bağlanma dayanımına etkisi, 2018 - 2019

Saraç D., Project Supported by Higher Education Institutions, Effects of Dentin Surface Treatments on Hypersensitivity to Bond Strength of Restorations: An In Vitro Study, 2016 - 2018