

Assoc. Prof. YASEMİN BAHAR ACAR

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Education Information

Dental Specialty, Marmara University, Faculty of Dentistry, Clinical Sciences (Faculty of Dentistry), Turkey 2009 - 2014

Doctorate, Marmara University, Institute of Health Sciences, Department of Orthodontics, Turkey 2009 - 2013

Undergraduate, Marmara University, Faculty of Dentistry, Turkey 2004 - 2009

Biography

Assistant Professor Yasemin Bahar Acar graduated from American Robert College in 2004. She completed her dentistry education in Marmara University Faculty of Dentistry between years 2004-2009, and graduated with first place. She entered the PhD program the same year in Orthodontics Department, Marmara University Faculty of Dentistry and completed a thesis, titled "Computed Tomography Evaluation of the Relationship Between The Need for Corticotomy and Bone and Suture Density in Cases of Rapid Maxillary Expansion" and gained the degrees of specialist and PhD in the field of Orthodontics. Between years 2013-2016, she volunteered as a full time teaching staff in Orthodontics Department, Marmara University Faculty of Dentistry. She was officially assigned as Assistant professor in the same department in 2016 and still continues to carry out duties and studies as a faculty member. Professionally she is interested in subjects such as orthognathic surgery cases, rapid maxillary expansion, clear aligners and alveolar distraction in cleft lip and palate patients.

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Hızlı üst çene tedavisi uygulanan vakalarda sutural ve kemiksel yoğunluk ile hastanın kortikotomi ihtiyacı

arasındaki ilişkinin bilgisayarlı tomografi görüntüleri kullanılarak değerlendirilmesi, Marmara Üniversitesi, Faculty of Dentistry, Klinik Bilimler Bölümü, 2013

Research Areas

Health Sciences, Dentistry, Clinical Sciences, Orthodontics

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Dentistry, Clinical Sciences (Faculty of Dentistry), 2016 - Continues

Academic and Administrative Experience

Fakülte kurulu üyeliği, Marmara University, Faculty of Dentistry, Clinical Sciences (Faculty of Dentistry), 2019 - 2022

Advising Theses

Acar Y. B., Evaluation of treatment outcome and long-term stability of class II correction by forsus fatigue resistant device, Postgraduate, M.ZITOUNI(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel approach in orthodontics: Archwise distraction osteogenesis**
Erverdi A. N., ACAR Y. B., Mert B.
Seminars in Orthodontics, vol.30, no.5, pp.602-622, 2024 (SCI-Expanded)
- II. **Are zygomatic implants an alternative to orthognathic surgery in the treatment of a vertical discrepancy ? A case series to describe an open bite treatment protocol**
Erverdi A. N., ACAR Y. B., Ensarioğlu A.
Seminars in Orthodontics, vol.30, no.5, pp.742-754, 2024 (SCI-Expanded)
- III. **Does facial growth pattern affect the perception of lower facial asymmetry?**
Basal E., Cevik I., ACAR Y. B., Özdemir F.
ANGLE ORTHODONTIST, vol.94, no.4, pp.455-461, 2024 (SCI-Expanded)
- IV. **Investigation of upper airway changes in orthognathic surgery with computational fluid dynamics analysis**
İNAN İ., ASLAN E., Karkazi F., ACAR Y. B., KÖRBAHTI B., Guven H. R.
Progress in Computational Fluid Dynamics, vol.24, no.2, pp.100-111, 2024 (SCI-Expanded)
- V. **Scleral exposure changes after Le Fort I maxillary advancement with vertical component in individuals with skeletal Class III malocclusion-A stereophotogrammetric image study**
Yılmaz H. N., Acar Y. B., Onem Ozbilen E.
ORTHODONTICS & CRANIOFACIAL RESEARCH, vol.25, no.4, pp.502-508, 2022 (SCI-Expanded)
- VI. **Influence of facial type on attractiveness of vertical canine position from the perspective of orthodontists and laypeople**
Acar Y. B., Abuhan E., Boyacıyan R., Özdemir F.
ANGLE ORTHODONTIST, vol.92, no.2, pp.233-239, 2022 (SCI-Expanded)
- VII. **Does Alt-RAMEC protocol and facemask treatment affect dentoalveolar structures? A 3-dimensional study**
Özbilen E., Yılmaz H. N., Acar Y. B.

- ANGLE ORTHODONTIST, vol.91, no.5, pp.626-633, 2021 (SCI-Expanded)
- VIII. **Evaluation of the Relationship Between Midpalatal Suture Maturation Indicators as Predictors for Surgically-Assisted and Conventional Rapid Maxillary Expansion.**
Acar Y. B., Abuhan E.
The Journal of craniofacial surgery, vol.32, pp.678-681, 2021 (SCI-Expanded)
- IX. **Treatment outcome and long-term stability of class II correction with forsus fatigue resistant device in non-growing patients**
Zitouni M., ACAR Y. B.
ORTHODONTICS & CRANIOFACIAL RESEARCH, vol.24, no.1, pp.130-136, 2021 (SCI-Expanded)
- X. **Evaluation of Hyoid Position and Retroglossal Airway After Mandibular Alveolar Archwise Distraction Osteogenesis.**
Acar Y. B., Yöndem C., Erverdi A., Bakkalbaşı B.
The Journal of craniofacial surgery, vol.31, pp.2144-2147, 2020 (SCI-Expanded)
- XI. **Is Counterclockwise Rotation With Double Jaw Orthognathic Surgery Stable in the Long-Term in Hyperdivergent Class III Patients?**
ACAR Y. B., ERDEM N. F., Acar A. H., Erverdi A. N., Ugurlu K.
JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, vol.76, no.9, pp.1983-1990, 2018 (SCI-Expanded)
- XII. **Treatment outcomes of archwise distraction osteogenesis in mandibular dentoalveolar retrognathia cases**
Yöndem C., Acar Y. B., Sener B. C., Erverdi A. N.
INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, vol.46, no.8, pp.1007-1016, 2017 (SCI-Expanded)
- XIII. **Hounsfield Units: A new indicator showing maxillary resistance in rapid maxillary expansion cases?**
ACAR Y. B., Motro M., Erverdi A. N.
ANGLE ORTHODONTIST, vol.85, no.1, pp.109-116, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Does vertical pattern affect lip strain in open-bite patients?: A cephalometric study**
Başal E., Acar Y. B., Erdem B.
Adıyaman Üniversitesi Sağlık Bilimleri Dergisi, vol.10, no.2, pp.115-125, 2024 (Peer-Reviewed Journal)
- II. **Salivary pH Changes and Biofilm Formation During Active Orthodontic Treatment with Clear Aligners and Fixed Appliances**
Yousef Y.M. Abu Ebaid Y. Y. A. E., Acar Y. B.
Clinical and Experimental Health Sciences, vol.14, no.2, pp.334-340, 2024 (ESCI)
- III. **The Relationship Between Circummaxillary and Intramaxillary Suture Densities and The Skeletal Effects of Rapid Maxillary Expansion**
Başal E., Acar Y. B.
Turkish Journal of Orthodontics, vol.37, no.2, pp.72-78, 2024 (ESCI)
- IV. **Orthodontic Treatment and Oral Hygiene from the Patients' Perspective**
BULUT B., KAYHAN S., ACAR Y. B.
European journal of research in dentistry, vol.6, no.2, pp.67-72, 2022 (Peer-Reviewed Journal)
- V. **Comparison of Differential Maxillomandibular Movements on the Upper Airway in Anteroposterior Dimensions After Bimaxillary Surgery for Class III Correction**
ERDEM N. F., ACAR Y. B., ÇİFTÇİ ŞİŞMAN A.
European journal of research in dentistry, vol.6, no.2, pp.58-66, 2022 (Peer-Reviewed Journal)
- VI. **Ortodontik Tedavi Sonrası Ektopik Maksiller Kaninlerin Keratinize Dişeti Genişliğindeki Değişim**
ACAR Y. B., Kılıç H. E.
Selcuk Dental Journal, vol.9, no.2, pp.465-470, 2022 (Peer-Reviewed Journal)
- VII. **Does Maxillary Protraction with Alt-RAMEC Protocol Affect Inferior Sclera Exposure? A Controlled**

3dMD Study

ACAR Y. B., YILMAZ H. N., ÖNEM ÖZBİLEN E.

Turkish Journal of Orthodontics, vol.35, no.1, pp.1-6, 2022 (ESCI)

- VIII. **In-vitro evaluation of the effects of insertion and sterilization procedures on the mechanical and surface characteristics of mini screws.**
Hergel C., Acar Y. B., Ates M., Kucukkeles N.
European oral research, vol.53, pp.25-31, 2019 (ESCI)
- IX. **Hızlandırılmış Diş Hareketinde Düşük Doz Lazer Kullanımı**
ACAR Y. B., BİREN S.
European Journal of Research in Dentistry, vol.2, pp.28-32, 2018 (Non Peer-Reviewed Journal)
- X. **Hızlandırılmış Ortodontik Diş Hareketinde Farmakolojik Uygulamalar**
ACAR Y. B., BİREN S.
Türkiye Klinikleri Ortodonti - Özel konular, vol.4, pp.14-20, 2018 (Non Peer-Reviewed Journal)
- XI. **Maloklüzyon Tipine Göre Retansiyon**
ACAR Y. B.
Türkiye Klinikleri Journal of Orthodontics-Special Topics, vol.3, pp.79-81, 2017 (Non Peer-Reviewed Journal)
- XII. **DIRECT USAGE OF MINISCREW ANCHORAGE TO INTRUDE OVERERUPTED MAXILLARY POSTERIOR TEETH BEFORE PROSTHODONTIC PREPARATION: A CASE REPORT**
ACAR Y. B., Ates M.
JOURNAL OF ISTANBUL UNIVERSITY FACULTY OF DENTISTRY, vol.50, no.1, pp.43-50, 2016 (ESCI)
- XIII. **Mini-implant Usage in Orthodontic Practice**
ACAR Y. B., Hergel C. A., Ates M., Kucukkeles N.
TURKISH JOURNAL OF ORTHODONTICS, vol.28, no.1, pp.1-6, 2015 (ESCI)
- XIV. **AWDA: Yarık Damak Dudak Hastalarında Yüz Estetiği ve Dental Estetik İçin Yeni ve Etkili Bir Distraksiyon Apareyi**
ACAR Y. B., ERVERDİ A. N.
Türkiye Klinikleri Journal of Orthodontics-Special Topics, vol.1, pp.79-86, 2015 (Non Peer-Reviewed Journal)
- XV. **How Efficient Are Clear Aligners? Clear Aligners vs Traditional Orthodontic Treatment: A Systematic Review**
ACAR Y. B., GÜLEÇ A., Ateş M. B., BİREN S.
Turkish Journal of Orthodontics, vol.27, pp.106-110, 2014 (ESCI)
- XVI. **Does the Bone Cement Affect Miniscrew Stability?**
Ateş M. B., motro m., GÜLEÇ A., ACAR Y. B., ERVERDİ A. N., GÜLMEZ T.
Turkish Journal of Orthodontics, vol.26, pp.119-128, 2013 (ESCI)

Books & Book Chapters

- I. **Alveolar and anterior maxillary distraction in patients with orofacial clefts**
MOTRO M., ERVERDİ A. N., ACAR Y. B.
in: Cleft and Craniofacial Orthodontics, Pradip R. Shetye, Travis L. Gibson, Editor, John Wiley & Sons, Inc., pp.441-452, 2023
- II. **Sınıf II Maloklüzyonların Ortodontik Tedavisi**
ACAR Y. B., YILMAZ H. N.
in: Çağdaş Ortodonti, Ahmet Nejat Erverdi, Editor, Quintessence Publishing, pp.273-281, 2022
- III. **Periodontitisli hastalarda ortodontik tedavi**
ACAR Y. B., ACAR Z. A.
in: Ortodonti-Periodontoloji Etkileşimleri, Fıratlı Sönmez, Editor, Türkiye Klinikleri, Ankara, pp.16-22, 2021
- IV. **Çocuk ve erişkinlerde koruyucu ve önleyici tedaviler**
ACAR Y. B., ÖZDEMİR F.
in: pedodonti akıl notları, Didem Özenen, Editor, Güneş Kitabevi, pp.178-202, 2019

- V. **Kemik Yaşı Tayini**
ACAR Y. B.
in: Çağdaş Ortodonti, Nejat Erverdi, Editor, Quintessence, İstanbul, pp.111-116, 2017
- VI. **Distraksiyon Osteogenezi ve AWDA Apareyi**
ERVERDİ A. N., ACAR Y. B.
in: Çağdaş Ortodonti, Nejat Erverdi, Editor, Quintessence, pp.261-278, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Analysis of the Responses Generated by ChatGPT to Frequently Asked Questions Regarding Orthodontic Treatments**
YÜKSEL B., GÜNGÖR T., ACAR Y. B., GÜMRÜ TARÇIN B.
XIXth International Congress of Turkish Orthodontic Society, Antalya, Turkey, 2 - 06 November 2024
- II. **Evaluation of the Accuracy of Cameriere's Fourth Cervical Vertebra Method for Skeletal Age Estimation**
GÜNGÖR T., YÜKSEL B., ACAR Y. B., GÜMRÜ TARÇIN B.
XIXth International Congress of Turkish Orthodontic Society, Antalya, Turkey, 2 - 06 November 2024
- III. **DUDAK-DAMAK YARIĞINA BAĞLI ŞİDDETLİ SINIF III MALOKLÜZYONLU OLGUNUN İNTERDİSİPLİNER TEDAVİSİ**
Öztürk E. A., YILMAZ H. N., ACAR Y. B., DURMUŞ KOCAASLAN F. N., GÖZNELİ R.
XVIII. Uluslararası Türk Ortodonti Derneği Sempozyumu, Turkey, 27 October 2023
- IV. **Effect of facial growth pattern on perception of lower facial symmetry**
BAŞAL E., ÇEVİK İ., ACAR Y. B., ÖZDEMİR F.
98th European Orthodontic Society Congress, Oslo, Norway, 11 - 15 June 2023
- V. **Root Parallelism with Multibracket Appliances and Clear Aligners: Pilot Study**
ACAR Y. B., Karkazi F.
Necmettin Erbakan Üniversitesi Uluslararası Diş Hekimliği Kongresi, 2 - 03 October 2021
- VI. **Şeffaf Plakla Tedavi Edilen Dişlerin Multidisipliner Yaklaşımla Direkt Kompozit Restorasyonu**
MEŞELİ S., EKENEL S., ACAR Y. B., TAĞTEKİN D.
25. Uluslararası Estetik Diş Hekimliği Kongresi, İstanbul, Turkey, 17 - 18 September 2021
- VII. **Evaluation of airway changes after orthognathic surgery with maxillomandibular advancement or maxillary advancement and mandibular setback**
ACAR Y. B.
1st International Turkish Japanese Dental Congress 2nd Ankara-Osaka Universities Dental Workshop, 24 - 26 June 2021
- VIII. **Nasal profile changes following bimaxillary orthognathic surgery for correction of Class III malocclusion**
ACAR Y. B., ÖNEM ÖZBİLEN E.
International Graduate Studies Congress (IGSCONG'21), Turkey, 17 - 19 June 2021
- IX. **The Comparison of Intraoral Photographs and Digital Scans in Terms of Icon Scores**
ACAR Y. B., ÖNEM ÖZBİLEN E.
17. Uluslararası Türk Ortodonti Derneği Sanal Kongresi, 12 - 14 March 2021
- X. **The Comparison of Intraoral Photographs and Digital Scans in Terms of Icon**
Acar Y. B., Önem Özbilen E.
17. Uluslararası TOD Sanal Kongresi Değişen Dünyada Ortodonti, İstanbul, Turkey, 12 - 14 March 2021, pp.101
- XI. **Orthodontic Treatment to Achiev Ideal Smile in Cleft Lip and Palate Patient: A Case Report**
Yıldırım G., Acar Y. B.
17. TOD ULUSLARARASI SANAL KONGRESİ, İstanbul, Turkey, 12 - 14 March 2021, pp.259-260
- XII. **Farklı Yüz Tiplerine Göre Maksiller Kaninlerin Dikey Konumlarının Estetik Algısı**
ACAR Y. B., ABUHAN E., BOYACIYAN R.

17. Uluslararası Türk Ortodonti Derneği Sanal Kongresi, İstanbul, Turkey, 12 March 2021
- XIII. **Treatment of a Patient with severe crowding and Class II Malocclusion by Forsus Appliance: A Case Report**
Yıldırım G., Acar Y. B.
17. TOD ULUSLARARASI SANAL KONGRESİ, İstanbul, Turkey, 12 - 14 March 2021, pp.258
- XIV. **MULTIDISCIPLINARY TREATMENT APPROACH FOR CORRECTION OF FACIAL ASYMMETRY: 3 CASES**
BÜYÜKAKÇA M., YILDIRIM G., ACAR Y. B., BİREN S., ACAR Z. A.
16th INTERNATIONAL TURKISH ORTHODONTIC SOCIETY SYMPOSIUM, 02 November 2019
- XV. **Herbst Apareyinin Sınıf 2 Malokluzyon Tedavisinde Kullanılması ve Tedavinin Erken Dönem Sonuçları- Vaka Raporu**
CANBEK G., ACAR Y. B.
16. Uluslararası Türk Ortodonti Derneği Kongresi, Turkey, 13 - 17 October 2018
- XVI. **ÖN AÇIK KAPANIŞA SAHİP TEK YUMURTA İKİZLERİNDE UYGULANAN FARKLI GENİŞLETMEPROSEDÜRLERİNİN RADYOGRAFİK VE STEREOFOTOGRAFETRİK OLARAK DEĞERLENDİRİLMESİ**
ÜSTÜN T., ACAR Y. B., ERVERDİ A. N.
15. uluslararası türk ortodonti derneği sempozyumu, 5 - 07 November 2017
- XVII. **Corticotomy Assisted Quad-Helix Treatment – A Case Report**
OĞUZ F. A., ŞAR Ç., ACAR Y. B.
American Association of Orthodontists (AAO) 2017 Annual Session, 1 - 05 May 2017
- XVIII. **Maxillary Advancement Treatment By Using AWDA in Cleft Lip Palate Patient, Early Period Treatment Evaluation**
ŞİN S., ACAR Y. B., ERVERDİ A. N., saraç m.
XV. Uluslararası Türk Ortodonti Derneği Kongresi, 1 - 05 October 2016
- XIX. **Evaluation of Corticotomy Assisted Quad-Helix Treatment -Two Case Reports**
OĞUZ F. A., ERVERDİ A. N., ACAR Y. B.
XV. Uluslararası Türk Ortodonti Derneği Kongresi, 1 - 05 October 2016
- XX. **PAEDIATRIC ORTHOGNATHIC SURGERY WITH A TWO YEAR FOLLOW-UP AND PETROVIC ANALYSIS: A CASE REPORT**
akın e., AKSOY O., ACAR Y. B., kasebdanende I., VAROL A.
92nd European orthodontic congress, 11 - 16 June 2016
- XXI. **Interdisciplinar Treatment of Congenitally Missing Maxillary Lateral Incisors-Case Report**
Şensoy C., ACAR Y. B.
14. Uluslararası Türk Ortodonti Derneği Sempozyumu, 02 November 2015
- XXII. **Şiddetli Sınıf III Malokluzyonun Ortodontik Tedavi Öncesi Cerrahisi-Vaka Raporu**
OĞUZ F. A., ACAR Y. B., kılıç b., yazar m.
XIV. Uluslararası Türk Ortodonti Derneği Sempozyumu, 2 - 04 November 2015
- XXIII. **İskeletsel Sınıf II Malokluzyonun Cast Splint Herbst Apareyi ve Sabit Ortodontik Mekanikler ile Tedavisi-Vaka Raporu**
Şensoy C., Panagiotou A., ACAR Y. B.
14. Uluslararası Türk Ortodonti Derneği Sempozyumu, 02 November 2015
- XXIV. **Uzun Süreli Seviyeleme Yapılamayan Alt Keser Çapraşıklığının Piezoinsizyon Yöntemi ile Düzeltilmesi**
Şensoy C., ACAR Y. B.
14. Uluslararası Türk Ortodonti Derneği Sempozyumu, 02 November 2015
- XXV. **Hyrax İle Hızlı Üst Çene Genişletme Sonrası Mevcut Ön Açık Kapanışın Spontan Olarak Düzeldiği**
ÜSTÜN T., ACAR Y. B., ERVERDİ A. N.
XIV. Uluslararası Türk Ortodonti Derneği Sempozyumu, 2 - 04 November 2015
- XXVI. **Sınıf III Ortognatik Cerrahi Hastalarında Maksillomandibüler Rotasyon ile Oklüzal Düzlem Değişimlerinin Uzun Dönem Stabilitesi**
ACAR Y. B., ACAR A. H., ERDEM N. F., ERVERDİ A. N., UĞURLU K.
14. Uluslararası Türk Ortodonti Derneği Sempozyumu, 2 - 04 November 2015

- XXVII. **Sınıf III Ortognatik Cerrahi Hastalarında Maksillomandibüler Rotasyon ile Oklüzal Düzlem Değişimlerinin Uzun Dönem Stabilitesi**
ACAR Y. B., ACAR A. H., ERDEM N. F., ERVERDİ A. N., UĞURLU K.
14. Uluslararası Türk Ortodonti Derneği Sempozyumu, 2 - 04 November 2015
- XXVIII. **Post-Peak Büyüme Gelişim Aşamasındaki Hastada Kamufraj Tedavisi-Vaka Raporu**
OĞUZ F. A., ACAR Y. B.
XIV. Uluslararası Türk Ortodonti Derneği Sempozyumu, 2 - 04 November 2015
- XXIX. **TREATMENT OF A SKELETAL CLASS III PATIENT WITH SURGERY-FIRST APPROACH**
ACAR Y. B., önem e.
2015 American association of orthodontists annual session, 15 - 19 May 2015
- XXX. **Investigating The Effects Of Finishing Quality Of Lower Incisor Crowding**
ÖNEM ÖZBİLEN E., Kolip D., ACAR Y. B., ERVERDİ A. N.
2015 AAO Annual Session, 15 - 19 May 2015
- XXXI. **Kemik simanının mini vida dayanıklılığına etkileri**
Ateş M. B., GÜLEÇ A., motro m., ACAR Y. B., ERVERDİ A. N.
13. Uluslararası Türk Ortodonti Derneği Kongresi, 30 September - 04 October 2012
- XXXII. **HOUNSFIELD UNITS: A NEW INDICATOR SHOWING MAXILLARY RESISTANCE IN RAPID MAXILLARY EXPANSION CASES?**
ACAR Y. B., motro m., Ateş M. B., GÜLEÇ A., ERVERDİ A. N.
88th European Orthodontic Society Congress, 18 - 23 June 2012

Supported Projects

Yılmaz H. N., Canbek G., Acar Y. B., Project Supported by Higher Education Institutions, Şeffaf Plaklarla Yapılan Ortodontik Tedavinin Gülüş Estetiğine Olan Etkilerinin Dijital Modeller ve Üç Boyutlu Stereofotogrametrik Fotoğraf Sistemi İle İncelenmesi, 2018 - 2021

Scientific Refereeing

CUMHURİYET DENTAL JOURNAL, National Scientific Refreed Journal, December 2021
European Journal of Research in Dentistry, National Scientific Refreed Journal, July 2020
Turkish Journal of Orthodontics, National Scientific Refreed Journal, December 2018
Turkish Journal of Orthodontics, National Scientific Refreed Journal, September 2018
Turkish Journal of Orthodontics, National Scientific Refreed Journal, July 2018
Turkish Journal of Orthodontics, National Scientific Refreed Journal, March 2018
Turkish Journal of Orthodontics, National Scientific Refreed Journal, May 2017

Metrics

Publication: 67
Citation (WoS): 23
Citation (Scopus): 17
H-Index (WoS): 3
H-Index (Scopus): 2

Invited Talks

Karışık Dişlenme Döneminde Karşılaşılan Temel Sorunlar ve Çözümleri, Seminar, Türk Dişhekimleri Birliği 25.

