

Asst. Prof. MURAT TUNCA

Personal Information

Email: murattunca@ksbu.edu.tr

Web: <https://avesis.ksbu.edu.tr/murat,tunca>

International Researcher IDs

ScholarID: sUYI428AAAAJ

ORCID: 0000-0002-9157-9390

Publons / Web Of Science ResearcherID: AAZ-1662-2020

ScopusID: 57210285697

Yoksis Researcher ID: 324892

Education Information

Doctorate, Van Yüzüncü Yil University, Sağlık Bilimleri Enstitüsü, Turkey 2017 - 2020

Associate Degree, Anadolu University, Open Education Faculty, Department Of Management And Organization, Turkey 2014 - 2016

Undergraduate, Ondokuz Mayıs University, Faculty Of Dentistry, Turkey 1999 - 2004

Certificates, Courses and Trainings

Health&Medicine, Orthodontic Scientific Evening: Fundraising Event, Glasgow Orthodontic Academy, 2023

Health&Medicine, Course on primary and Secondary Cleft Lip and palate Management with Live Surgery, Lokman Hekim Universitesi, 2023

Research Areas

Orthodontics

Academic Titles / Tasks

Assistant Professor, Kütahya Health Sciences University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2024 - Continues

Assistant Professor, Van Yüzüncü Yil University, Diş Hekimliği Fakültesi, Ortodonti Anabilim Dalı, 2020 - 2024

Advising Theses

Tunca M., Radyoterapi Uygulanmış Mine Yüzeyinde Farklı Adezivlerin Bağlanma Dayanımı Kuvvetlerinin Değerlendirilmesi, Doctorate, N.Fahrzadeh(Student), 2023

Tunca M., Farklı İskeletsel Anomalilere Göre Mini-Vida Kullanımında Güvenli Alanlarının ve Kemik Kalitesinin KIBT ile Değerlendirilmesi, Doctorate, S.BİLEN(Student), 2023

Jury Memberships

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, March, 2021

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, January, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of anxiety, pain, and quality of life in individuals with mild or moderate malocclusion between conventional fixed orthodontic treatment versus Invisalign: A randomised clinical trial**
Tunca Y., Kaya Y., Tunca M., Keskin S.
BMC ORAL HEALTH, vol.24, no.576, pp.1-9, 2024 (SCI-Expanded)
- II. **Evaluation of Safe Areas for Miniscrew Use According to Various Skeletal Anomalies with CBCT**
Bilen S., Tunca M.
CLINICAL ORAL INVESTIGATIONS, vol.28, no.1, pp.2-14, 2024 (SCI-Expanded)
- III. **Evaluation of the shear bond strength of various adhesives on the surface of enamel irradiated with various doses of radiotherapy**
Fahrzadeh N., Tunca M.
AMERICAN JOURNAL OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, vol.165, no.3, pp.285-293, 2023 (SCI-Expanded)
- IV. **Influence of surface treatments on the bond strength of metal brackets to CAD/CAM materials and discoloration after various refinishing procedures : Scanning electron microscopy and atomic force microscopy study.**
Tunca M., Degirmenci B.
Journal of orofacial orthopedics = Fortschritte der Kieferorthopädie : Organ/official journal Deutsche Gesellschaft für Kieferorthopädie, vol.84, pp.231-243, 2023 (SCI-Expanded)
- V. **Effect of various orthodontic adhesives on enamel colour changes after fixed treatment.**
Tunca M., Kaya Y.
Journal of orofacial orthopedics = Fortschritte der Kieferorthopädie : Organ/official journal Deutsche Gesellschaft für Kieferorthopädie, vol.84, no.2, pp.125-133, 2023 (SCI-Expanded)
- VI. **Changes in the gingival thickness and keratinized gingival width of maxillary and mandibular anterior teeth after orthodontic treatment.**
Alkan Ö., Kaya Y., Tunca M., Keskin S.
The Angle orthodontist, vol.91, pp.459-467, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. <https://doi.org/10.17214/gaziaot.1259499>
Kaya S., Tunca M.
Acta Odontologica Turcica, vol.41, no.3, pp.88-93, 2024 (Peer-Reviewed Journal)
- II. **Evaluation of Sella Turcica Bridging, Ponticulus Posticus Calcification and Sella Turcica Volume in Individuals with Different Malocclusions**
Tunca M., Kaya S.
Necmettin Erbakan Üniversitesi Diş Hekimliği dergisi (Online), vol.6, no.2, pp.142-150, 2024 (Peer-Reviewed Journal)
- III. **COMPARISON of TEMPOROMANDIBULAR JOINT SPACE and ARTICULAR EMINENCE INCLINATION in VARIOUS SKELETAL ANOMALIES**
Kaya S., Tunca M.

MEANDROS MEDICAL AND DENTAL JOURNAL, vol.25, no.2, pp.133-144, 2024 (ESCI)

- IV. **Comparison of Chu's Probe Method with the Actual Dimension of Maxillary Anterior Teeth and Evaluation of Gingival Parameters in Individuals Who Do Not Need Orthodontic Treatment: Methodological Study**
TUNCA M., ALTINDAL D., TUNCA Y.
Türkiye Klinikleri Dış Hekimliği Bilimleri Dergisi, vol.30, no.2, pp.247-255, 2024 (Peer-Reviewed Journal)
- V. **The Environmental Impact of Clear Aligners: Is Recycling and Waste Management Controlled?**
Tunca M.
EUROPEAN JOURNAL OF THERAPEUTICS, vol.30, no.1, pp.82-83, 2024 (ESCI)
- VI. **Evaluation of the Time-Dependent Colour Stability of Clear Aligner Materials Exposed to Discolouring Beverages**
Tunca M., Fahrzadeh N., Pehlivan İ. E., Tunca Y., Değirmenci A.
Van Dış Hekimliği Dergisi, vol.4, no.2, pp.1-9, 2023 (Peer-Reviewed Journal)
- VII. **Evaluation of the Effects of Various Levels of Maxillary Incisor Protrusion on Upper Lip**
Tunca M., Tunca Y.
Van Tıp Dergisi, vol.30, no.3, pp.243-249, 2023 (Peer-Reviewed Journal)
- VIII. **How Did the Covid-19 Pandemic Effect the Anxiety Levels of Individuals Undergoing Orthodontic Treatment?**
Tunca M., Naiboğlu E., Keskin Tunç S.
EASTERN JOURNAL OF MEDICINE, vol.28, no.3, pp.395-402, 2023 (Scopus)
- IX. **The Associatin of Sella Turcica Morphology and Dimension with Craniofacial and Dental Anomalies**
Tatlı E. C., Kaya Y., Tunca M.
Van Tıp Dergisi, vol.30, no.1, pp.120-125, 2023 (Peer-Reviewed Journal)
- X. **The relationship between frontal sinus dimensions and skeletal malocclusion**
Tunca M., Kaplan V., Kaya Y., Tunca Y.
EUROPEAN ORAL RESEARCH, vol.56, no.3, pp.130-135, 2022 (ESCI)
- XI. **Comparison of Different Temporary Crown Materials' Shear Bond Strength Values**
Tunca Y., Kotan S., Fahrzadeh N., Tunca M., Ünalın Değirmenci B., Korkmaz D.
Van Dış Hekimliği Dergisi, vol.3, no.1, pp.12-19, 2022 (Peer-Reviewed Journal)
- XII. **Kanıtı Dayalı Ortodonti: İnançlar ve Gerçekler**
Fahrzadeh N., Tunca Y., Kotan S., Tunca M.
Van Dış Hekimliği Dergisi, vol.2, no.2, pp.32-41, 2021 (Peer-Reviewed Journal)
- XIII. **Comparison of Linear Measurements and Bolton Analysis on the Model Obtained From Conventional Method with OrthoCAD Software**
Tunca M., Tunca Y., Kotan S., Bilen S.
Van Dış Hekimliği Dergisi, vol.2, no.2, pp.1-10, 2021 (Peer-Reviewed Journal)
- XIV. **Evaluation of color changes observed on the enamel surface after fixed orthodontic treatment with SpectroShade Micro™**
Kaya Y., Tunca M., Alkan Ö.
Acta Odontologica Turcica, vol.38, no.2, pp.42-48, 2021 (Peer-Reviewed Journal)
- XV. **Büyüme Gelişim Döneminde Maksiller Yetmezliğe Bağlı Sınıf III Bireyde Mini-Plak Ankrajlı Yüz Maskesi Uygulaması**
Tunca M., Kaya Y., Çiğirim L., Tunca Y.
Van Dış Hekimliği Dergisi, vol.1, no.2, pp.70-77, 2021 (Peer-Reviewed Journal)
- XVI. **Evaluation the Treatment Effects of Functional Appliances Used in Class II Malocclusions**
Kaya Y., Tunca M.
Türkiye Klinikleri Dış Hekimliği Bilimleri Dergisi, vol.26, no.1, pp.104-109, 2020 (Peer-Reviewed Journal)
- XVII. **Comparison of Two Retention Appliances with Respect to Clinical Effectiveness**
Kaya Y., Tunca M., Keskin S.
TURKISH JOURNAL OF ORTHODONTICS, vol.32, pp.72-78, 2019 (ESCI)

Books & Book Chapters

- I. **ORTODONTİDE PEKİŞTİRME VE GÜNCEL YAKLAŞIMLAR**
Fahrzadeh N., Tunca M.
in: SAĞLIK VE BİLİM: MEDİKAL ARAŞTIRMALAR-2, Dr. Öğr. Üyesi Onur KARAMAN, Editor, EFEAKADEMİ YAYINEVİ, İstanbul, pp.347-358, 2021
- II. **RETENTION AND CURRENT APPROACHES IN ORTHODONTICS**
Tunca M.
in: ORTODONTİDE PEKİŞTİRME VE GÜNCEL YAKLAŞIMLAR, Dr. Öğr. Üyesi Onur KARAMAN, Editor, Efe Akademi, İstanbul, pp.347-358, 2021
- III. **ORTHODONTIC OCCLUSION AND ITS EFFECTS ON THE TEMPOROMANDIBULAR JOINT**
Tunca M., Kotan S., Tunca Y.
in: ORTODONTİDE OKLÜZYON VE TEMPOROMANDİBULAR EKLEM ÜZERİNE ETKİLERİ, Doç. Dr. Hakan KAYA, Dr. Öğr. Üyesi Hüseyin KAFADAR, Editor, Efe Akademi, İstanbul, pp.273-288, 2021
- IV. **MULTISDISCIPLINARY APPROACHES IN HEALTH SCIENCES-4**
Tunca M., Tunca Y.
in: MULTISDISCIPLINARY APPROACHES IN HEALTH SCIENCES-4, Doç. Dr. Ayten DİNÇ, Editor, Efe Akademi Yayınevi, İstanbul, pp.499-518, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **RAPID MAXILLARY EXPANSION APPLICATION IN A PAIENT WITH UNILATERAL POSTERIOR CROSSBITE: A CASE REPORT**
Fahrzadeh N., Tunca Y., Tunca M.
VAN YÜZÜNCÜ YIL ÜNİVERSİTESİ 2.ULUSLARARASI SAĞLIK BİLİMLERİ KONGRESİ, Van, Turkey, 18 - 19 December 2023, pp.10-11
- II. **Şeffaf Plak ve Konvansiyonel Sabit Apareylerin Tedavi Süreleri Üzerine Etkisi: Bir Meta Analiz**
Tunca M.
VAN YÜZÜNCÜ YIL ÜNİVERSİTESİ 2. ULUSLARARASI SAĞLIK BİLİMLERİ KONGRESİ, Van, Turkey, 18 - 19 December 2023, pp.1-2
- III. **NASOALVEOLAR MOLDING TREATMENT OF A BABY WITH BILATERAL CLEFT LIP AND PALATE: CASE REPORT**
Fahrzadeh N., Tunca Y., Bilen S., Tunca M.
VII.Balkan Ortodonti Uzmanları Birliği Kongresi XVIII. Uluslararası Türk Ortodonti Derneği Sempozyumu, İstanbul, Turkey, 27 - 30 October 2023, pp.352-353
- IV. **MINI-SCREW ASSISTED RAPID MAXILLARY EXPANSION IN AN ADULT PATIENT**
Fahrzadeh N., Tunca Y., Bilen S., Tunca M.
VII.Balkan Ortodonti Uzmanları Birliği Kongresi XVIII. Uluslararası Türk Ortodonti Derneği Sempozyumu, İstanbul, Turkey, 27 - 30 October 2023, pp.348-349
- V. **Comparison of Temporomandibular Joint Space and Articular Eminence Inclination in Various Skeletal Anomalies**
Tunca M., Kaya S.
7. ULUSLARARASI BALKAN ORTODONTİ KONGRESİ, İstanbul, Turkey, 27 - 30 October 2023
- VI. **Treatment of Moderate Crowding Case with a Clear Aligner**
Bilen S., Yılmaz A., Tunca Y., Fahrzadeh N., Tunca M.
2.ULUSLARARASI TÜRK ALIGNER DERNEĞİ BİLİMSEL KONGRESİ, İstanbul, Turkey, 21 - 22 May 2023, pp.64-65
- VII. **Treatment of a Patient with Lower Single Incisor Extraction with a Clear Aligner**
Bilen S., Yılmaz A., Tunca Y., Fahrzadeh N., Tunca M.
2.ULUSLARARASI TÜRK ALIGNER DERNEĞİ DERNEĞİ BİLİMSEL KONGRESİ, İstanbul, Turkey, 21 - 22 May 2023, pp.51-52

- VIII. **TREATMENT OF MILD AND MODERATE MALOCCLUSIONS WITH CLEAR ALIGNER**
Fahrzadeh N., Tunca Y., Tunca M.
Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 - 29 October 2022, pp.116
- IX. **EARLY TREATMENT OF AN INDIVIDUAL WITH SKELETAL CLASS 3 ANOMALY IN THE GROWTH AND DEVELOPMENT PERIOD WITH A FACE MASK**
Fahrzadeh N., Tunca Y., Tunca M.
VUSAK, Van, Turkey, 27 - 29 October 2022, pp.137
- X. **DENTAL AND SKELETAL EFFECTS OF RAPID MAXILLARY EXPANSION**
Bilen S., Tunca Y., Tunca M.
Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 - 29 October 2022, pp.92
- XI. **Direct Composite Resin Restoration And One-Year Follow-up of Diastema in Maxillary Lateral Teeth After Orthodontic Treatment of a Patient With Class II Malocclusion**
Değirmenci A., Tunca M., Tunca Y., Pehlivan İ. E.
Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 - 29 October 2022, pp.30
- XII. **TREATMENT OF MILD AND MODERATE MALOCCLUSIONS WITH CLEAR ALIGNER**
Fahrzadeh N., Tunca Y., Tunca M.
VUSAK, Van, Turkey, 27 - 29 October 2022, pp.116
- XIII. **SURGICAL SUPPORTED OF IMPACTED MAXILLARY CANINE TOOTH**
Bilen S., Tunca Y., Tunca M., Bilen M.
Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 - 29 October 2022, pp.139
- XIV. **EARLY TREATMENT OF AN INDIVIDUAL WITH SKELETAL CLASS 3 ANOMALY IN THE GROWTH AND DEVELOPMENT PERIOD WITH A FACE MASK**
Fahrzadeh N., Tunca Y., Tunca M.
Van Yüzüncü Yıl Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 27 - 29 October 2022, pp.137
- XV. **EVALUATION OF THE EFFECT THE UPPER INCISOR POSITION ON SOFT TISSUE**
Tunca M., Kaya Y., Tunca Y., Kotan S.
17. Türk Ortodonti Derneği Uluslararası Sanal Sempozyumu, Ankara, Turkey, 28 - 29 November 2021, pp.7
- XVI. **Rapid Maxillary Expansion and Fixed Orthodontic Treatment: A Case Report**
Kotan S., Fahrzadeh N., Tunca Y., Tunca M.
17. Türk Ortodonti Derneği Uluslararası Sanal Sempozyumu, Ankara, Turkey, 28 - 29 November 2021, pp.3-4
- XVII. **İki Farklı Pürüzlendirme Tekniğinin Braketlerin Bağlanma Dayanımına Etkisi**
Tunca M., Ünalın Değirmenci B., Kotan S., Tunca Y.
NEU Uluslararası Diş Hekimliği Kongresi, Konya, Turkey, 2 - 03 October 2021, pp.281-282
- XVIII. **Maksimum Ankraj Vakasında T Loop ile Kanin Retraksiyonu**
Kotan S., Tunca Y., Tunca M., Kaya Y.
NECMEETTİN ERBAKAN ÜNİVERSİTESİ ULUSLARARASI DİŞHEKİMLİĞİ KONGRESİ, Konya, Turkey, 2 - 03 October 2021, pp.300-3001
- XIX. **Lineer Ölçümler ve Bolton Analizinin OrthoCAD Yazılımıyla Karşılaştırılması**
Tunca M.
1. Uluslararası Dental Araştırmalar ve Sağlık Bilimleri Kongresine, Diyarbakır, Turkey, 20 - 29 May 2021, pp.145-146
- XX. **BILATERAL MINI-SCREW SUPPORTED DISTALIZATION APPLICATION: A CASE REPORT**
Kotan S., Tunca Y., Tunca M.
1.ULUSLARARASI DENTAL ARAŞTIRMALAR VE SAĞLIK BİLİMLERİ KONGRESİ, Diyarbakır, Turkey, 20 - 22 May 2021, pp.197-198
- XXI. **FUNCTIONAL AND FIXED ORTHODONTIC TREATMENT IN AN INDIVIDUAL WITH CLASS II MALOCCLUSION: A CASE REPORT**
Tunca Y., Kotan S., Tunca M.
1.DENTAL ARAŞTIRMALAR VE SAĞLIK BİLİMLERİ KONGRESİ, Diyarbakır, Turkey, 20 - 22 May 2021, pp.169-170
- XXII. **RAPID MAXILLARY EXPANSION APPLICATION IN A PATIENT WITH BILATERAL POSTERIOR CROSSBITE: A CASE REPORT**

Kotan S., Tunca Y., Tunca M.

1. ULUSLARARASI DENTAL ARAŞTIRMALAR VE SAĞLIK BİLİMLERİ KONGRESİ, Diyarbakır, Turkey, 20 - 22 May 2021, pp.195-196

XXIII. İdiopatik Nedenlerle Gömülü Kalan Üst Santral Dişin Essix Plakla Sürdürülmesi

Kotan S., Tunca Y., Yüksek E., Tunca M.

17. Türk Ortodonti Derneği Uluslararası Sanal Kongresi, Ankara, Turkey, 12 - 14 March 2021, pp.1-2

XXIV. Travma Nedeniyle İntrüze Olan Santral Keser Dişin Hareketli Aparey İle Ekstrüzyonu

Tunca Y., Kotan S., Fahrzadeh N., İnal S., Tunca M.

16. Uluslararası Türk Ortodonti Derneği Sempozyumu, Ankara, Turkey, 12 - 14 March 2021, pp.1-2

XXV. Orthodontic Camouflage Treatment of Skeletal Class III Malocclusion

Tunca M., Çınarsoy Ciğirim S., Ciğirim L.

16. ULUSLARARASI TÜRK ORTODONTİ DERNEĞİ SEMPOZYUMU, Muğla, Turkey, 02 November 2019 - 05 October 2020, pp.1-2

XXVI. Comparison of the indirect bonding transfer accuracy between condensation silicone and vacuum formed trays: A randomized clinical trial

Aydoğan C., Kaya Y., Alagöz A., Tunca M., Tarkan H.

94th European Orthodontic Society Congress, Edinburg, United Kingdom, 17 - 21 June 2018, pp.15

XXVII. An investigation of initial bond failures during indirect bonding of orthodontic attachments: Results from a randomized clinical trial

Aydoğan C., Kaya Y., Alagöz A., Tunca M., Tarkan H.

94th European Orthodontic Society Congress, Edinburg, United Kingdom, 17 - 21 June 2018, pp.111

XXVIII. TRANSVERSAL YÖN ANOMALİSİ BULUNMAYAN BİREYLERDE ÜST MOLAR DİŞLERİN DİŞETİ KALINLIKLARININ DEĞERLENDİRİLMESİ

Kaya Y., Alkan Ö., Tunca M., Keskin S.

15. Uluslararası Türk Ortodonti Derneği Sempozyumu, Ankara, Turkey, 5 - 07 November 2017, pp.194

Supported Projects

Tunca M., Kotan S., Project Supported by Higher Education Institutions, Debonding İşlemi Sırasında Uygulanan İki Farklı Yöntemin Ağrı ve Mobilite Üzerine Etkisi, 2021 - 2022

Kaya Y., Tunca M., Project Supported by Higher Education Institutions, Sabit Ortodontik Tedavide Kullanılan Farklı Adeziv Materyallerinin Renk Değişimine Etkisi, 2019 - 2020

Activities in Scientific Journals

Van Dentistry Journal, Assistant Editor/Section Editor, 2021 - Continues

Memberships / Tasks in Scientific Organizations

Türk Ortodonti Derneği, Member, 2017 - Continues, Turkey

Scientific Refereeing

Turkish Journal of Orthodontics, Journal Indexed in ESCI, August 2024

PATIENT PREFERENCE AND ADHERENCE, Journal Indexed in SSCI, July 2024

ACTA ODONTOLOGICA SCANDINAVICA, SCI Journal, June 2024

INTERNATIONAL ORTHODONTICS, Journal Indexed in ESCI, May 2024

BMC ORAL HEALTH, SCI Journal, March 2024

Batı Karadeniz Tıp Dergisi, National Scientific Refreed Journal, February 2024
EUROPEAN JOURNAL OF THERAPEUTICS, Journal Indexed in ESCI, January 2024
Turkish Journal of Orthodontics, Journal Indexed in ESCI, December 2023
EASTERN JOURNAL OF MEDICINE, Other Indexed Journal, December 2023
Journal of medicine and palliative care (Online), Other Indexed Journal, December 2023
EUROPEAN JOURNAL OF THERAPEUTICS, Journal Indexed in ESCI, November 2023
EASTERN JOURNAL OF MEDICINE, Other Indexed Journal, November 2023
Project Supported by Higher Education Institutions, BAP Research Project, Van Yüzüncü Yil University, Turkey, November 2023
Springer Nature, SCI Journal, November 2022
Eastern Journal of Medicine, Other Indexed Journal, July 2022
BMC ORAL HEALTH, SCI Journal, June 2022
Acta Odontologica Turcica, National Scientific Refreed Journal, June 2022
Eastern Journal of Medicine, Other Indexed Journal, May 2022
BMC ORAL HEALTH, SCI Journal, April 2022
Eastern Journal of Medicine, Other Indexed Journal, September 2021
Eastern Journal of Medicine, Other Indexed Journal, May 2021
Eastern Journal of Medicine, Other Indexed Journal, February 2021
VAN DENTISTRY JOURNAL, National Scientific Refreed Journal, September 2020
Eastern Journal of Medicine, Other Indexed Journal, June 2020

Tasks In Event Organizations

Tunca M., Van Yüzüncü Yil Üniversitesi 1. Uluslararası Sağlık Bilimleri Kongresi, Scientific Congress, Van, Turkey, Ekim 2022

Metrics

Publication: 57
Citation (WoS): 31
Citation (Scopus): 29
H-Index (WoS): 3
H-Index (Scopus): 3

Non Academic Experience

MAHALLİ İDARELER