

Lect. PhD HAZAL DUYAN YÜKSEL

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International Researcher IDs

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Education Information

Postgraduate, Cukurova University, Sağlık Bilimleri Enstitüsü, Biostatistics, Turkey 2022 - Continues

Associate Degree, Ataturk University, Açıköğretim Fakültesi, Bilgisayar Programcılığı, Turkey 2020 - 2022

Dental Specialty, Cukurova University, Diş Hekimliği Fakültesi, Ağız Diş Ve Çene Radyolojisi, Turkey 2018 - 2021

Undergraduate, Selcuk University, Faculty Of Dentistry, Turkey 2011 - 2016

Dissertations

Dental Specialty, Evaluation of The Relationship Between Rhinosinusitis and Various Odontogenic and Non-Odontogenic Parameters by Cone Beam Computed Tomography, Cukurova University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2021

Research Areas

Dentistry, Clinical Sciences, Oral Diagnosis and Radiology, Programming Languages, Health Sciences, Biostatistics and Medical Informatics

Academic Titles / Tasks

Lecturer PhD, Cukurova University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2022 - Continues

Research Assistant, Cukurova University, Diş Hekimliği Fakültesi, Klinik Bilimler, 2018 - 2021

Courses

Ağız, Diş ve Çene Radyolojisinde Klinik Yardımcılığı, Associate Degree, 2023 - 2024

Ağız, Diş ve Çene Radyolojisi Klinik Dersi, Undergraduate, 2023 - 2024, 2022 - 2023

Ağız, Diş ve Çene Radyolojisi Klinik Dersi, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of mandibular bone structure changes in phenylketonuria patients using fractal analysis and radiomorphometric indices**
Duyan Yüksel H., Soydan Çabuk D., Çabuk A. İ., Evlice B.
ORAL SURGERY, ORAL MEDICINE, ORAL PATHOLOGY, ORAL RADIOLOGY, AND ENDODONTICS, vol.139, no.2, pp.242-247, 2025 (SCI-Expanded)
- II. **Evaluation of temporomandibular joint disc displacement with MRI-based radiomics analysis.**
Duyan Yüksel H., Orhan K., Evlice B., Kaya Ö.
Dento maxillo facial radiology, vol.54, no.1, pp.19-27, 2025 (SCI-Expanded)
- III. **Comparison of the Cone Beam Computed Tomography-Based Analysis of the Masseter Muscle Between Epilepsy Patients and Healthy Subjects.**
Polat S., Yüksel H., Evlice B., Bölgen Ç., Kaya Ö., Aksay U. C., Öksüzler F. Y., Öksüzler M., Tunç M., Özşahin E., et al.
The Journal of craniofacial surgery, 2024 (SCI-Expanded)
- IV. **Temporomandibular joint and masticatory muscles morphometry and morphology in healthy subjects and individuals with temporomandibular dysfunction: An anatomical, radiological, and machine learning application study.**
Polat S., Öksüzler F. Y., Öksüzler M., Çoban Ö., Tunç M., Yüksel H., Özşahin E., Göker P.
Medicine, vol.103, no.50, 2024 (SCI-Expanded)
- V. **Evaluation of the thickness of masticatory muscles in patients with chronic periodontitis by ultrasonography.**
Tumani Üstdal B., Evlice B., Soydan Cabuk D., Duyan Yüksel H., Güner Akgül İ., Alkaya B., Arcay G.
ORAL RADIOLOGY, vol.40, no.3, pp.402-408, 2024 (SCI-Expanded)
- VI. **Ultrasound analysis of the masseter and anterior temporalis muscles in edentulous patients rehabilitated with full-arch fixed implant-supported prostheses.**
Alkaya B., Yüksel H., Evlice B., Özcan M., Türer O. U., İşler S. Ç., Haytaç M. C.
Clinical oral investigations, vol.28, no.5, pp.288, 2024 (SCI-Expanded)
- VII. **Clinical Evaluation of Mandibular Posterior Three-Unit Combined Tooth-/Implant-Supported Fixed Partial Dentures: Controlled Prospective Clinical Study**
Ekren O., Kocak F., Ucar Y., Emre Benlidayi M., Can Tükel H. C., Duyan Yüksel H.
INTERNATIONAL JOURNAL OF ORAL & MAXILLOFACIAL IMPLANTS, vol.39, no.3, pp.426-434, 2024 (SCI-Expanded)
- VIII. **The evaluation of superior semicircular canal in patients with unilateral cleft lip and palate using CBCT.**
Duyan Yüksel H., Soydan Çabuk D., Coşgunarslan A.
Oral radiology, vol.40, no.2, pp.269-276, 2024 (SCI-Expanded)
- IX. **The effect of myotonic dystrophy type 1 on temporomandibular joint and dentofacial morphology: A CBCT analysis.**
Evlice B., Duyan Yüksel H., Evlice A., Koc F.
Journal of oral rehabilitation, vol.50, no.10, pp.958-964, 2023 (SCI-Expanded)
- X. **The evaluation of superior semicircular canal bone thickness and radiological patterns in relation to age and gender.**
Evlice B., Çabuk D., Duyan H.
Surgical and radiologic anatomy : SRA, vol.43, no.11, pp.1839-1844, 2021 (SCI-Expanded)
- XI. **Three-dimensional assessment of pharyngeal airway in individuals with myotonic dystrophy type 1**
Evlice B., Koç A. F., Duyan H., Soydan Çabuk D.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.51, no.6, pp.3022-3029, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Maxillary Sinus Pathology, Concha Bullosa and Ostium Obstruction in Cleft Lip and**

Palate Using Cone-Beam Computed Tomography

Duyan Yüksel H., Tumanı Üstdal B., Evlice B.

BEZMIALEM SCIENCE, vol.1, no.1, pp.1-6, 2024 (ESCI)

- II. **Midface asymmetry in non-syndromic unilateral cleft lip-palate: A retrospective cbct analysis**
Tumanı Üstdal K. B., Evlice B., Duyan Yüksel H.
EUROPEAN ORAL RESEARCH, vol.58, no.2, pp.83-87, 2024 (ESCI)
- III. **Use of Cone-Beam Computed Tomography in Pediatric Patients in a Turkish Dental School**
Evlice B., Duyan Yüksel H., Akgül İ. G., Uri A.
Akdeniz Tıp Dergisi, vol.9, no.3, pp.247-252, 2023 (Peer-Reviewed Journal)
- IV. **The Effect of Advancing Age on the Temporomandibular Joint Osteoarthritis Findings**
Soydan Çabuk D., Duyan Yüksel H.
Çukurova Anestezi ve Cerrahi Bilimler Dergisi, vol.6, no.2, pp.258-261, 2023 (Peer-Reviewed Journal)
- V. **Çukurova Popülasyonunda Gelişimsel Diş Anomalisi Görülme Sıklığı: Radyografik Bir Çalışma**
SÜSGÜN YILDIRIM Z., EVLİCE B., SONKAYA E., DUYAN YÜKSEL H.
Selcuk Dental Journal, vol.10, no.2, pp.434-439, 2023 (Peer-Reviewed Journal)
- VI. **Çukurova Popülasyonunda Bifid Mandibular Kanal Prevalansı: Bir KIBT Çalışması**
Tumanı Üstdal K. B., Duyan Yüksel H., Evlice B.
Sağlık Bilimleri Dergisi, vol.31, no.3, pp.287-293, 2022 (Peer-Reviewed Journal)
- VII. **Canal Configuration of Maxillary Premolars in Cukurova Population: A CBCT Analysis**
Evlice B., Duyan H.
Balkan Journal of Dental Medicine, vol.25, no.3, pp.147-152, 2021 (Peer-Reviewed Journal)
- VIII. **Evaluation of Position and Relationship of Maxillary Third Molars with Maxillary Sinus Using CBCT**
Evlice B., Duyan H.
Akdeniz Tıp Dergisi, vol.7, no.2, pp.307-314, 2021 (Peer-Reviewed Journal)
- IX. **Evaluation of orthognathic surgery's effect on maxillary sinus ventilation volume with CBCT**
Duyan H., Evlice B.
Selcuk Dental Journal, vol.7, no.2, pp.180-184, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of TMJ Disc Displacement with MRI Based Radiomics Analysis**
Duyan Yüksel H., Orhan K., Evlice B., Kaya Ö.
CED-IADR/NOF Oral Health Research Congress, Geneve, Switzerland, 12 - 14 September 2024, pp.1
- II. **Evaluation of TMJ Osteoarthritis Findings in Menopausal Female Patients**
Büyük B., Duyan Yüksel H., Soydan Çabuk D., Evlice B.
Necmettin Erbakan University International Dentistry Congress, Konya, Turkey, 24 - 26 May 2024, pp.155
- III. **Evaluation of the Relationship Between Maxillary Posterior Teeth and Maxillary Sinus Mucosal Thickening Using CBCT: Pilot Study**
Evin F. A., Duyan Yüksel H., Soydan Çabuk D., Evlice B.
2nd Young Orad Symposium, Adana, Turkey, 5 - 09 March 2024, pp.19
- IV. **Evaluation of Temporomandibular Joint Osteoarthritis in the Normal Population: Pilot Study Summary**
Büyük B., Güner Akgül İ., Soydan Çabuk D., Duyan Yüksel H., Evlice B.
2nd Young Orad Symposium, Adana, Turkey, 5 - 09 March 2024, pp.20
- V. **Diş Hekimliği Öğrencilerinin Radyolojik Anatomi Bilgi Düzeylerinin Konik Işınlı Bilgisayarlı Tomografi Kullanılarak Değerlendirilmesi**
Duyan Yüksel H.
UDEG 2. Uluslararası Diş Hekimliği Eğitimi Kongresi, Ankara, Turkey, 22 - 24 February 2024, pp.1
- VI. **Medication Related Osteonecrosis of the Jaws: A Case Report**
Tumanı Üstdal K. B., Güner Akgül İ., Duyan Yüksel H.

2. Uluslararası Ağız Kanseri Kongresi, İzmir, Turkey, 5 - 08 October 2023, pp.282-283
- VII. **Fractal Analysis of the Mandibular Bone in Breast Cancer Patients Using Bisphosphonates: Pilot Study**
Güner Akgül İ., Duyan Yüksel H., Tumani Üstdal K. B., Evlice B.
2. Uluslararası Ağız Kanseri Kongresi, İzmir, Turkey, 5 - 08 October 2023, pp.31-32
- VIII. **Effect of DM1 on TMJ and Dentofacial Morphology: a CBCT-Analysis**
Evlice B., Duyan Yüksel H., Evlice A. T., Koç A. F.
CED-IADR/NOF Oral Health Research Congress, Rodos, Greece, 21 - 23 September 2023, pp.160
- IX. **Investigation Of The Etiology Of Hyperostosis Frontalis Interna And Its Relationship With Age/Gender Using Cone-Beam Computed Tomography Scans**
Duyan Yüksel H., Evlice B.
The 24th International Congress of DentoMaxilloFacial Radiology, Brussels, Belgium, 6 - 08 July 2023, pp.92
- X. **Keratocystic Odontogenic Tumour: A Case Report**
Tumani Üstdal K. B., Duyan Yüksel H.
ODMFR 2022 Kongresi (4. Uluslararası Oral Diagnoz ve Maksillofasiyal Radyoloji Derneği Kongresi), İzmir, Turkey, 19 - 23 October 2022, pp.327-328
- XI. **Central Giant Cell Reperative Granuloma: A Case Report**
Evlice B., Duyan Yüksel H.
ODMFR 2022 Kongresi (4. Uluslararası Oral Diagnoz ve Maksillofasiyal Radyoloji Derneği Kongresi), İzmir, Turkey, 19 - 23 October 2022, pp.329-330
- XII. **Evaluation of Nasolacrimal Canal Morphology in Patients with Unilateral Cleft Lip And Palate: A Pilot Study**
Duyan Yüksel H., Evlice B.
ODMFR 2022 Kongresi (4. Uluslararası Oral Diagnoz ve Maksillofasiyal Radyoloji Derneği Kongresi), İzmir, Turkey, 19 - 23 October 2022, pp.146-147
- XIII. **Morphological Characteristics of Maxillary Sinus Ostium in Unilateral Cleft Lip/Palate**
Duyan Yüksel H., Evlice B.
Necmettin Erbakan University International Dentistry Congress, Konya, Turkey, 2 - 03 October 2021, pp.176-177
- XIV. **The Impact of Cleft Lip and Palate on the Nasomaxillary Complex**
Duyan H., Tumani Üstdal K. B., Evlice B.
Necmettin Erbakan University International Dentistry Congress, Konya, Turkey, 2 - 03 October 2021, pp.117-118
- XV. **Prevalance Of Bifid Mandibular Canal in Cukurova Population : A CBCT Study**
Tumani Üstdal K. B., Duyan H., Evlice B.
Necmettin Erbakan University International Dentistry Congress, Konya, Turkey, 2 - 03 October 2021, pp.69
- XVI. **Ameloblastic Fibro-Odontoma: A Case Report**
Duyan H.
Necmettin Erbakan University International Dentistry Congress, Konya, Turkey, 2 - 03 October 2021, pp.75
- XVII. **Evaluation of Mandibular Condyle of Patients with Cleft Lip / Palate**
Duyan H., Evlice B.
CED-IADR/NOF Oral Health Research Congress, Brussels, Belgium, 16 - 18 September 2021, pp.19
- XVIII. **Evaluation of Airway Volume by CBCT in Patients with Class I and Class II Skeletal Patterns: A Pilot Study**
Duyan H., Evlice B.
1st INTERNATIONAL TURKISH JAPANESE DENTAL CONGRESS, Ankara, Turkey, 24 - 26 June 2021, pp.97
- XIX. **DETERMINATION OF RADIOLOGICAL PARAMETERS THAT EXACERBATE MAXILLARY SINUS PATHOLOGIES: A PILOT STUDY**
Duyan H.
Izmir Democracy University International Dentistry & Health Congress – IDU-DENT2020, İzmir, Turkey, 28 - 29 November 2020, pp.407-411
- XX. **DETERMINING THE RELATIONSHIP BETWEEN CLINICAL QUESTIONNAIRES AND MAXILLARY SINUS PATHOLOGY: A PILOT STUDY**

Duyan H.

Izmir Democracy University International Dentistry & Health Congress – IDU-DENT2020, İzmir, Turkey, 28 - 29 November 2020, pp.439-443

XXI. DEMOGRAPHIC DISTRIBUTION OF JAW PATHOLOGIES IN A TURKISH SUBPOPULATION

Duyan H.

Izmir Democracy University International Dentistry & Health Congress – IDU-DENT2020, İzmir, Turkey, 28 - 29 November 2020, pp.402-406

XXII. Çukurova Popülasyonunda Dental Volümetrik Tomografi Endikasyonları

Duyan H., Evlice B.

International Science and Academic Congress, Konya, Turkey, 19 - 20 April 2019, vol.1, pp.104-110

XXIII. CANAL CONFIGURATION OF MANDIBULAR PREMOLARS IN ÇUKUROVA POPULATION: A CBCT ANALYSIS

Duyan H., Evlice B.

2nd International Meandros Dental Congress, Aydın, Turkey, 22 - 24 November 2019, pp.119-124

XXIV. FLORID CEMENTO-OSSEOUS DYSPLASIA: A CASE REPORT

Uri A., Duyan H., Evlice B.

Uluslararası Meandros Diş Hekimliği Kongresi (International Meandros Dental Congress) , Aydın, Turkey, 22 - 24 November 2019, pp.95

XXV. AMELOBLASTOMA OF MANDIBLE: A CASE REPORT

Duyan H., Evlice B.

Uluslararası Meandros Diş Hekimliği Kongresi (International Meandros Dental Congress) , Aydın, Turkey, 22 - 24 November 2019, pp.83

XXVI. OSSIFYING FIBROMA: A CASE REPORT

Duyan H., Evlice B.

Uluslararası Meandros Diş Hekimliği Kongresi (International Meandros Dental Congress) , Aydın, Turkey, 22 - 24 November 2019, pp.84

XXVII. Evaluation of Orthognathic Surgery's Effect on Maxillary-Sinus Volume with CBCT

Duyan H., Evlice B.

CED-IADR/NOF Oral Health Research Congress, Madrid, Spain, 19 - 21 September 2019, pp.107

XXVIII. Evaluation of Relationship between Third-Molars and Maxillary Sinus Using CBCT

Evlice B., Duyan H.

CED-IADR/NOF Oral Health Research Congress, Madrid, Spain, 19 - 21 September 2019, pp.11

XXIX. Canal Configuration of Maxillary-Premolars in Çukurova Population: A CBCT Analysis

Duyan H., Evlice B.

Türk Dişhekimleri Birliği 25. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 4 - 07 September 2019, pp.331

XXX. Paget's Disease of the Bone: A Case Report

Duyan H., Evlice B.

Türk Dişhekimleri Birliği 25. Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 4 - 07 September 2019, pp.1126

Supported Projects

SEYDAOĞLU G., DUYAN YÜKSEL H., Project Supported by Higher Education Institutions, Konik Işınlı Bilgisayarlı

Tomografi Görüntülerinde Nazopalatin Kanalın Derin Öğrenme Tabanlı Otomatik Segmentasyonu, 2024 - Continues

EVLİCE B., DUYAN YÜKSEL H., TUMANI ÜSTDAL B., Project Supported by Higher Education Institutions, Maksillofasiyal

Görüntüleme Yapılan Bireylerde Buşon Görülme Sıklığı, 2023 - Continues

Duyan Yüksel H., Evlice B., Soydan Çabuk D., Project Supported by Higher Education Institutions, Fenilketonürinin Çene

Kemiklerinin Kalitesine Etkisinin Değerlendirilmesi, 2024 - 2025

SOYDAN ÇABUK D., DUYAN H., Project Supported by Higher Education Institutions, Dudak Damak Yarığının Temporal

Kemik Morfolojik Yapıları Üzerine Etkisinin Konik Işınlı Bilgisayarlı Tomografi İle Değerlendirilmesi, 2021 - 2024

Evlice B., Duyan Yüksel H., Project Supported by Higher Education Institutions, Çukurova Üniversitesi Diş Hekimliği

Fakültesi Radyoloji Biriminde Verilen Görüntüleme Hizmetlerinin Güncel Teknolojiler Kullanılarak İyileştirilmesi, 2021 - 2024

Duyan H., Evlice B., Project Supported by Higher Education Institutions, Unilateral Dudak Damak Yarığında Primer ve Aksesuar Maksiller Sinüs Ostiumunun Morfolojik Özellikleri: Retrospektif Bir KIBT Analizi, 2022 - 2023

EVLİCE B., DUYAN H., Project Supported by Higher Education Institutions, Dudak Damak Yarığı Nazolakrimal Kanal Morfolojisi Üzerinde Etkili mi Bir Konik Işınli Bilgisayarlı Tomografi Çalışması, 2020 - 2022

EVLİCE B., DUYAN H., Project Supported by Higher Education Institutions, RİNOSİNÜZİT İLE ÇEŞİTLİ ODONTOJENİK VE NON-ODONTOJENİK PARAMETRELER ARASINDAKİ İLİŞKİNİN KONİK IŞINLI BİLGİSAYARLI TOMOGRAFİ İLE DEĞERLENDİRİLMESİ, 2019 - 2022

EVLİCE B., DUYAN H., Project Supported by Higher Education Institutions, Ortognatik Cerrahinin Maksiller Sinüs Ventilasyon Hacmi Üzerine Etkisinin KIBT ile Değerlendirilmesi, 2019 - 2020

Memberships / Tasks in Scientific Organizations

The International Association of DentoMaxilloFacial Radiology (IADMFR), Member, 2023 - Continues, Belgium
Oral Diagnosis and Maxillofacial Radiology Association, Member, 2022 - Continues, Turkey

The Continental European Division-International Association for Dental Research (CED-IADR), Member, 2019 - Continues, Belgium

International Association for Dental Research (IADR), Member, 2019 - Continues, United States Of America

Tasks In Event Organizations

Duyan Yüksel H., 2nd YOUNG ORAD SYMPOSIUM, Scientific Congress, Adana, Turkey, Mart 2024

Metrics

Publication: 50

Citation (Scopus): 5

H-Index (Scopus): 1

Congress and Symposium Activities

2nd Young ORAD Symposium, Attendee, Adana, Turkey, 2024

UDEG 2nd INTERNATIONAL DENTISTRY EDUCATION MEETING, Attendee, Ankara, Turkey, 2024

The 24th Annual Congress of DentoMaxilloFacial Radiology, Attendee, Brussels, Belgium, 2023

Necmettin Erbakan University International Dentistry Congress, Attendee, Konya, Turkey, 2021

CED-IADR/NOF Oral Health Research Congress, Attendee, Brussels, Belgium, 2021

1st International Turkish Japanese Dental Congress, Attendee, Ankara, Turkey, 2021

Izmir Democracy University International Dentistry & Health Congress, Attendee, İzmir, Turkey, 2020

2nd International Meandros Dental Congress, Attendee, Aydın, Turkey, 2019

CED-IADR/NOF Oral Health Research Congress, Attendee, Madrid, Spain, 2019

25rd International Dental Congress of TDA, Attendee, İstanbul, Turkey, 2019

International Science and Academic Congress, Attendee, Konya, Turkey, 2019

Scholarships

CED-IADR Visiting Scholar Grant, Other International Organizations, 2023 - Continues