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Education Information

Doctorate, Ege University, Sağlık Bilimleri Enstitüsü, Endodonti (Dr), Turkey 2005 - 2011

Undergraduate, Ege University, Dış Hekimliği Fakültesi, Dış Hekimliği Pr., Turkey 1999 - 2004

Dissertations

Doctorate, Farklı iki yıkama tekniğinin kök kanal dentinine penetrasyonunun ve smear tabakasının uzaklaştırılmasına olan etkisinin in-vitro değerlendirilmesi, Ege University, Sağlık Bilimleri Enstitüsü, Endodonti (Dr), 2011

Research Areas

Health Sciences, Dentistry, Clinical Sciences, Endodontics

Academic Titles / Tasks

Assistant Professor, Istanbul Medipol University, Dış Hekimliği Fakültesi, Klinik Bilimler Bölümü, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of the canal anatomy of the premolar teeth in a selected Turkish population: a cone-beam computed tomography study**
ERKAN E., Olcay K., EYÜBOĞLU T. F., Şener E., GÜNDOĞAR M.
BMC Oral Health, vol.23, no.1, 2023 (SCI-Expanded)
- II. **Investigation of the effectiveness of sonic, ultrasonic and new laser-assisted irrigation activation methods on smear removal and tubular penetration**
Uslu G., GÜNDOĞAR M., ÜNGÖR M., Özyürek T., ERKAN E., KESKİN N. B.
Lasers in Medical Science, vol.38, no.1, 2023 (SCI-Expanded)
- III. **Postoperative pain after SWEEPS, PIPS, sonic and ultrasonic-assisted irrigation activation techniques: a randomized clinical trial**
ERKAN E., GÜNDOĞAR M., Uslu G., Özyürek T.

Odontology, vol.110, no.4, pp.786-794, 2022 (SCI-Expanded)

- IV. **Radiographic and Clinical Findings of Single-Visit Root Canal Treatments with Apical Enlargement in Necrotic Teeth: A Retrospective Cohort Study**
EYÜBOĞLU T. F., OLCAY K., ERKAN E., Özcan M.
BioMed Research International, vol.2020, 2020 (SCI-Expanded)
- V. **Cyclic fatigue resistance of waveone gold, protaper next and 2shape nickel titanium rotary instruments using a reliable method for measuring temperature**
OLCAY K., EYÜBOĞLU T. F., ERKAN E.
Nigerian Journal of Clinical Practice, vol.22, no.10, pp.1335-1340, 2019 (SCI-Expanded)
- VI. **Reattachment of dehydrated tooth fragments: Two case reports**
Bozkurt F., DEMİR B., ERKAN E.
Nigerian Journal of Clinical Practice, vol.18, no.1, pp.140-143, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Efficacy of laser-activated irrigation with the SWEEPS modality in removing calcium hydroxide from simulated internal resorption cavities**
ERKAN E., AYDIN R. N., FALAKALOĞLU S., YENİÇERİ ÖZATA M., GÜNDOĞAR M.
International Dental Research, vol.13, no.2, pp.48-53, 2023 (Peer-Reviewed Journal)
- II. **Assessment of the Canal Anatomy of the Mandibular Molars in a Group of Turkish Patients: A Cone-Beam Computed Tomography Study**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., ŞENER E., GÜNDOĞAR M.
Van Sağlık Bilimleri Dergisi, vol.16, no.1, pp.44-52, 2023 (Peer-Reviewed Journal)
- III. **Evaluation of Root Canal Configuration of Permanent Maxillary Molar Teeth in a Turkish Subpopulation: A Cone-Beam Computed Tomographic Study**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., ŞENER E., GÜNDOĞAR M.
Online Türk Sağlık Bilimleri Dergisi, vol.8, no.1, pp.98-95, 2023 (Peer-Reviewed Journal)
- IV. **Histological Assessment of Debris in Isthmuses after Using Rotary and Reciprocating Single-File Instruments**
GÜNDOĞAR M., ÖZYÜREK T., Plotino G., Gündoğar Ö., BEKTAŞ S., ÖZYÜREK H., USLU G., SEZGİN G. P., ERKAN E.
Journal of Dentistry and Oral Biology, vol.7, no.1, pp.1189, 2022 (Peer-Reviewed Journal)
- V. **An Evaluation of the Root Canal Anatomy of Mandibular Incisors in Turkish Population with Cone-Beam Computed Tomography (CBCT)**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., ŞENER E.
Oral Health & Dental Science, vol.4, no.3, pp.1-7, 2020 (Peer-Reviewed Journal)
- VI. **The efficacy of homeopathic Arnica montana 200 CH on dental surgical treatments: a double-blind, placebo-controlled study**
ERKAN E., PARPAR K., DEVELİ T., GÜNDOĞAR M., GÜRLER G.
The European Research Journal, vol.5, no.5, pp.793-799, 2019 (Peer-Reviewed Journal)
- VII. **Incidence of dentinal crack formation during root canal preparation with two NiTi instruments activated by adaptive motion and continuous rotation: an in vitro study**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., GÜNDOĞAR M.
The European Research Journal, vol.5, no.5, pp.757-762, 2019 (Peer-Reviewed Journal)
- VIII. **The influence of the irrigant QMix on the push-out bond strength of a bioceramic endodontic sealer**
GÜNDOĞAR M., SEZGİN G. P., ERKAN E., ÖZYILMAZ Ö. Y.
European oral research (Online), vol.52, no.2, pp.64-68, 2018 (Peer-Reviewed Journal)
- IX. **Impact of intracanal calcium hydroxide or triple antibiotic paste on bond strength of root canal sealers: An in Vitro study**
GÜNDOĞAR M., erhan E., ÖZYILMAZ Ö. Y.
Cumhuriyet Dental Journal, vol.19, no.3, pp.229-237, 2016 (Scopus)

- X. **Multidisciplinary Treatment of Multiple Traumatized Anterior Teeth: 2 Year Follow-Up: Case Report**
BALCI N., ALTAŞ N., ERKAN E., TOYGAR H.
Turkiye Klinikleri Journal of Dental Sciences Cases, vol.2, no.2, pp.88-92, 2016 (Peer-Reviewed Journal)
- XI. **Direk Posterior Kompozitlerde Hastaya Göre Restorasyon Materyalinin Seçimi ve Önemi**
ERKAN E.
Turkiye Klinikleri J Restor Dent-Special Topics, vol.1, no.3, pp.71-75, 2015 (Non Peer-Reviewed Journal)
- XII. **A Root Canal Therapy on the Maxillary First Molar Tooth with Five Canals: A Case Report**
ERKAN E., GÜNDOĞAR M.
Open Journal of Stomatology, vol.5, no.04, pp.102-107, 2015 (Peer-Reviewed Journal)
- XIII. **Farklı Uygulama Tekniklerinin İrigasyon Solüsyonlarının Etkinliği Üzerine Etkileri**
ERKAN E., ERDİLEK N., AKÇAY I.
Ege Üniversitesi Diş Hekimliği Fakültesi, vol.34, no.1, pp.34-41, 2013 (Peer-Reviewed Journal)
- XIV. **Farklı İrigasyon Tekniklerinin Etkinliğinin Boya Penetrasyon Testi ile Değerlendirilmesi**
ERKAN E., AKÇAY I., ERDİLEK N.
Ege Üniversitesi Diş Hekimliği Fakültesi, vol.34, no.1, pp.42-47, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **THE ROLE AND IMPORTANCE OF CONE-BEAM COMPUTED TOMOGRAPHY IN DIAGNOSIS AND TREATMENT PLANNING IN ENDODONTICS: A CASE SERIES**
ERKAN E.
ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH-VIII, Ankara, Turkey, 09 June 2023, pp.1237-1238
- II. **5-Year Clinical Follow-up of Non-Surgical Root canal Treatment: A retrospective Cohort Study**
ERKAN E., OLCAY K., EYÜBOĞLU T. F.
17th Greatist, 2019, İstanbul, Turkey, 25 - 27 October 2019, pp.51
- III. **Cerrahi Olmayan Kök Kanal Tedavisinin 5 Yıllık Klinik Takibi: Geriye Dönük Bir Kohort Çalışması**
ERKAN E., OLCAY K., EYÜBOĞLU T. F.
Greatist 2019 Uluslararası Dişhekimliği Kongresi, İstanbul, Turkey, 25 - 27 October 2019, pp.51
- IV. **Root Canal Morphology of Mandibular Anterior Teeth in a Turkish Population: A Cone Beam Computerized Tomography Study.**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., ŞENER E.
25th International Dental Congress of TD, 4 - 07 September 2019
- V. **Root Canal Morphology of Mandibular Anterior Teeth in a Turkish Population: A Cone Beam Computerized Tomography Study**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., ŞENER E.
25th TDA International Dental Congress, 4 - 07 September 2019, pp.131
- VI. **Evaluation of Postoperative Pain Intensity after Endodontic Treatment Using Reciprocating, Continuous and Adaptive Motion: A Prospective Randomized Clinical Trial**
EYÜBOĞLU T. F., ERKAN E., OLCAY K.
The 20th Scientific Congress of Asian Pacific Endodontic Confederation The 14th International Congress of Turkish Endodontic Society, İstanbul, Turkey, 24 - 27 April 2019, pp.139
- VII. **Periapical and Clinical Complication Frequencies of Single-visit Root Canal Treatments with Apical Foramen Enlargement in Necrotic Teeth**
EYÜBOĞLU T. F., ERKAN E., OLCAY K.
The 20th Scientific Congress of Asian Pacific Endodontic Confederation The 14th International Congress of Turkish Endodontic Society, İstanbul, Turkey, 24 - 27 April 2019, vol.2020, pp.152
- VIII. **Farklı NiTi Eğeler ve Kinematikler ile Kök Kanal Preparasyonu Sırasında Dentin Kırığı Oluşumu**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., GÜNDOĞAR M.
Türk Dişhekimleri Birliği 24. Uluslararası Dişhekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018, vol.24,

pp.41

- IX. Dentinal Crack Formation during Root Canal Preparation with Different NiTi Instruments and Kinematics**
ERKAN E., OLCAY K., EYÜBOĞLU T. F., GÜNDOĞAR M.
Türk Diş Hekimleri Birliği 24. Uluslararası Diş Hekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018, vol.24, pp.41
- X. Cyclic Fatigue Resistance of WaveOne Gold, Protaper Next and 2Shape Nickel Titanium Rotary Instruments at Body Temperature.**
OLCAY K., ERKAN E., EYÜBOĞLU T. F.
Türk Endodonti Derneği 8. Uluslararası Endodonti Sempozyumu, Adana, Turkey, 10 - 13 May 2018, pp.62-63
- XI. MULTIDISCIPLINARY MANAGEMENT OF A COMPLICATED CROWN FRACTURE AND AVULSION**
TOZ T., ERKAN E., GÜRLER G.
18th World Congress on Dental Traumatology International Association of Dental Traumatology, İstanbul, Turkey, 19 - 21 June 2014
- XII. Reattachment of dehydrated tooth fragments Two case reports**
ÖZTÜRK BOZKURT F., DEMİR B., ERKAN E.
FDI 101st Congress, İstanbul, Turkey, 28 - 31 August 2013, vol.63, pp.43
- XIII. Dentoalveolar Travmalara Periodontal Yaklaşım Olgu Raporu**
AKSAKA N., BALCI N., ERKAN E., USLU TOYGAR H.
Türk Periodontoloji Derneği 43. Bilimsel Kongresi, Turkey, 9 - 11 May 2013
- XIV. APICAL MICROLEAKAGE OF FIVE DIFFERENT ROOT CANAL SEALERS**
EYÜBOĞLU T. F., ERKAN E., sevgican f., ERDİLEK N.
84th General session and Exhibition of the IADR, 28 July - 01 August 2006, pp.45