



# Essentials of Dentistry



Volume 2 Issue 2 May 2023



essentdent.org

EISSN 2791-9552



# Editor in Chief

Mehmet Cudi Balkaya İstanbul University-Cerrahpaşa Faculty of Dentistry, İstanbul, Turkey

# **Section Editors**

### Endodontics

Cemil Yeşilsoy D Temple University Faculty of Dentistry, Philadelphia, USA

# Oral and Maxillofacial Radiology

Ilknur Özcan 💿 Istanbul University Faculty of Dentistry, Istanbul, Turkey

# Oral and Maxillofacial Surgery

Banu Gürkan Köseoğlu İstanbul University Faculty of Dentistry, İstanbul, Turkey

# Oral Implantology

Binnaz Leblebicioğlu 💿 Ohio State University Faculty of Dentistry, Ohio, USA

# Orthodontics

Eser Tüfekçi D Virginia Commonwealth University Faculty of Dentistry, Virginia, USA

# Pedodontics

Figen Seymen D Istanbul University Faculty of Dentistry, Istanbul, Turkey

# 

Founder İbrahim KARA

General Manager Ali ŞAHİN

Finance Coordinator Elif Yıldız ÇELİK Journal Managers İrem SOYSAL Deniz KAYA Irmak BERBEROĞLU Arzu ARI

Publications Coordinators Gökhan ÇİMEN Alara ERGIN İrem ÖZMEN

## Periodontology

Alpdoğan Kantarcı (D) The Forsyth Institute, Cambridge, USA

#### Prosthodontics

Fatma Gülbahar Işık Özkol 💿 İstanbul University Faculty of Dentistry, İstanbul, Turkey

Hakan Bilhan D Witten/Herdecke University Faculty of Dentistry, Witten, Germany

## **Restorative Dentistry**

Burak Gümüştaş 💿 Istanbul University-Cerrahpaşa Faculty of Dentistry, Istanbul, Turkey

Füsun Özer University of Pennsylvania Faculty of Dentistry, Pennsylvania, USA

## Healthcare Management

Yılmaz Keskindemirci Istanbul Üniversitesi-Cerrahpaşa HAGED Manager, Istanbul, Turkey

## **Biostatistical Editor**

Ahmet Dirican Istanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, Istanbul, Turkey

Derya AZER Burcu DEMIRER Beyza Himmetoğlu DAL

Project Coordinators Doğan ORUÇ Sinem Fehime KOZ

#### Contact

Address: Büyükdere Cad. 199/6, 34394, Şişli, İstanbul, Turkey Phone: +90 212 217 17 00 Fax: +90 212 217 22 92 E-mail: info@avesyayincilik.com



# **AIMS AND SCOPE**

Essent Dent (Essent Dent) is an international, scientific, open access, online-only periodical published in accordance with independent, unbiased, and double-blinded peer-review principles. The journal is the official publication of İstanbul University-Cerrahpaşa and published triannually in January, May, and September. The publication language of the journal is English.

Essent Dent aims to contribute to the literature by publishing manuscripts at the highest scientific level on all fields of dentistry. The journal publishes original articles, reviews, rare case reports, and letters to the editors that are prepared in accordance with ethical guidelines. The scope of the journal includes but not limited to periodontal diseases, dental implants, oral pathology, oral and maxillofacial surgery, endodon-tics, oral diseases, restorative and esthetic dentistry.

The target audience of the journal includes specialists, researchers and professionals who are working and interested in the field of dentistry and related disciplines.

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted via the online submission system which is available at http://essentdent.org. The journal guidelines, technical information, and the required forms are available on the journal's webpage.

#### Advertisement Policy

Essent Dent can publish advertisement images in the journal's website upon the approval of the Editor in Chief. Potential advertisers should contact the Editorial Office. Advertisers have no effect on the editorial decisions or advertising policies.

#### Disclaimer

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

#### **Open Access Statement**

Essent Dent is an open access publication, and the journal's publication model is based on Budapest Access Initiative (BOAI) declaration. All published content is available online, free of charge at http://essentdent.org. The journal's content is licensed under a Creative Commons Attribution-NonCommercial (CC BY-NC) 4.0 International License which permits third parties to share and adapt the content for non-commercial purposes by giving the appropriate credit to the original work.

You can find the current version of the Instructions to Authors at: https://essentdent.org/en/instructions-to-authors-106.

Editor in Chief: Mehmet Cudi Balkaya Address: İstanbul University-Cerrahpaşa Faculty of Dentistry, İstanbul, Turkey E-mail: mehmet.balkaya@iuc.edu.tr

Publisher: İstanbul University-Cerrahpaşa Address: Üniversite Mahallesi, Bağlariçi Caddesi No: 7, İstanbul, Turkey

Publishing Service: AVES Address: Büyükdere Cad. 199/6, 34394, Şişli, İstanbul, Turkey Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com Web: www.avesyayincilik.com





# CONTENTS

#### **Original Article**

50 Enhanced Implant Stability After Bioactivation with Injectable Platelet-Rich Fibrin Coating: A Pilot Study Rishi Raj, Tarun Kumar A.B., Rucha Shah, Triveni M.G., Raison Thomas, Shipra Peter

#### Review

55 Scope of Silver Nanoparticles in Periodontal and Peri-Implant Wound Healing: A Systematic Review of Translation Research

Allauddin Siddiqi, Sobia Zafar

#### **Case Report**

66 Accidental Injection of Sodium Hypochlorite into Buccal Mucosa Before Endodontic Treatment: Case Report Mehmet Aslan, Mübin Özcan