

ISSN: 2147-2092



GAZI MEDICAL JOURNAL



medicaljournal.gazi.edu.tr

2024
April

Volume 35 • Issue 2

Editorial Team

Owner

Musa Yıldız, PhD
Gazi University, Türkiye

Editor in Chief

Mehmet Ali Ergün, MD, PhD
Gazi University Faculty of Medicine Department of Medical Genetics, Türkiye

Editorial Board

Akif Muhtar Öztürk, MD, Gazi University Faculty of Medicine Department of Orthopedics and Traumatology, Ankara, Türkiye

Abdullah Özer, MD, Gazi University Faculty of Medicine Department of Cardiovascular Surgery, Ankara, Türkiye

Ahmet Özasan, MD, Gazi University Faculty of Medicine Department of Child and Adolescent Psychiatry, Ankara, Türkiye

Aylin Sepici Dinçel, MD, PhD, Gazi University Faculty of Medicine Department of Biochemistry, Ankara Türkiye

Ayşe Meltem Sevgili, MD, PhD, Gazi University Faculty of Medicine Department of Physiology Ankara Türkiye

Burak Sezenöz, MD, Gazi University Faculty of Medicine Department of Cardiology, Ankara Türkiye

Cengiz Karakaya, PhD, Gazi University Faculty of Medicine Department of Biochemistry, Ankara, Türkiye

Çimen Karasu, PhD, Gazi University Faculty of Medicine Department of Medical Pharmacology, Ankara, Türkiye

Gürsel Levent Oktar, MD, Gazi University Faculty of Medicine Department of Cardiovascular Surgery, Ankara, Türkiye

Hakan Tutar, MD, Gazi University Faculty of Medicine Department of Ear, Nose, Throat Diseases, Ankara, Türkiye

Hatice Tuba Atalay, MD, Gazi University Faculty of Medicine, Department of Ophthalmology, Ankara, Türkiye

Mehmet Akif Öztürk, MD, Gazi University Faculty of Medicine Department of Internal Medicine Division of

Rheumatology, Ankara, Türkiye

Metin Onaran, MD, Gazi University Faculty of Medicine Department of Urology, Ankara, Türkiye

Murat Kekilli, MD, Gazi University Faculty of Medicine Department of Internal Medicine Division of Gastroenterology, Ankara, Türkiye

Mustafa Arslan, MD, Gazi University, Faculty of Medicine, Department of Anaesthesiology and Reanimation, Ankara, Türkiye

Mustafa Sancar Ataç, DMD, PhD, Gazi University, Faculty of Dentistry, Department of Oral and Maxillofacial Surgery, Ankara, Türkiye

Osman Yüksel, MD, Gazi University Faculty of Medicine Department of General Surgery, Ankara, Türkiye

Ramazan Karabulut, MD, Gazi University Faculty of Medicine Department of Pediatric Surgery, Ankara, Türkiye

Sezai Leventoğlu, MD, Gazi University Faculty of Medicine Department of General Surgery, Ankara, Türkiye

Serdar Kula, MD, Gazi University Faculty of Medicine Department of Pediatrics Division of Pediatric Cardiology, Ankara, Türkiye

Sinan Sarı, MD, Gazi University Faculty of Medicine Department of Pediatrics Division of Gastroenterology, Hepatology and Nutrition, Ankara, Türkiye

Volkan Medeni, MD, PhD, Gazi University Faculty of Medicine Department of Public Health, Türkiye

Ethical Board

Canan Uluoğlu, MD, PhD, Gazi University Faculty of Medicine Department of Medical Pharmacology, Türkiye

Nesrin Çobanoğlu, MD, PhD, Gazi University Faculty of Medicine Department of Medical Ethics and History of Medicine, Türkiye

Statistical Board

Mustafa N. İlhan, MD, PhD, Gazi University Faculty of Medicine Department of Public Health, Türkiye

Nur Aksakal, MD, PhD, Gazi University Faculty of Medicine Department of Public Health, Türkiye

Seçil Özkan, MD, PhD, Gazi University Faculty of Medicine Department of Public Health, Türkiye

International Advisory Board

Bernd Wollnik, Institute of Human Genetics Center for Molecular Medicine Cologne Kerpener Str. 34 D - 50931 Cologne Germany, Germany

Dan A Zlotolow, Department of Orthopaedic Surgery, Temple University School of Medicine Shriners Hospital for Children Philadelphia, PA, USA

Henry Cohen, Gastroenterology Clinic, Montevideo Medical School, Av, Italia 2370, 11600, Montevideo, Uruguay

Jean-Pierre Michel, Honorary Professor of Medicine (Geneva University, Switzerland) Honorary Professor of Medicine at Limoges University (F) and Beijing University Hospital (CN), Switzerland

Masashi Ohe, MD, Department of Internal Medicine, Japan Community Health Care Organization (JCHO) Hokkaido Hospital, Sapporo, Japan

Mohd Firdaus Mohd Hayati, Department of Surgery, Faculty of Medicine and Health Sciences, Universiti Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia

Murat Sincan, MD, National Institute of Dental and Craniofacial Research, NIH, Bethesda, Maryland USA,

Reinhard Büttner, Institute for Pathology University Hospital Cologne Center for Integrated Oncology Kerpener Str 62 50937, Germany

Thomas Liehr, Universitätsklinikum Jena Institut für Humangenetik, Germany

Raja Sabapathy, Department of Plastic and Reconstructive Surgery, Ganga Hospital Coimbatore, India

National Advisory Board

Alpaslan Şenköylü, MD, Gazi University Faculty of Medicine Department of Orthopedics and Traumatology, Türkiye

Çagatay Barut, MD, PhD, Department of Anatomy Faculty of Medicine Bahçeşehir University, Istanbul, Türkiye

Ebru Evren, MD PhD, Ankara University, Faculty of Medicine, Department of Medical Microbiology, Ankara Türkiye

Erkan Yurtcu, PhD, Baskent University, Faculty of Medicine, Department of Medical Biology, Ankara Türkiye

Haktan Bağış Erdem, MD, University of Health Sciences, Dr. Abdurrahman Yurtaslan Ankara Oncology Training and Research Hospital, Department of Medical Genetics, Ankara, Türkiye

Selahatin Özmen, MD, Koç University Faculty of Medicine Department of Plastic, Reconstructive and Aesthetic Surgery, Istanbul, Türkiye

Please refer to the journal's webpage (<https://medicaljournal.gazi.edu.tr/>) for "About the Journal" and "Submissions".

The editorial and publication process of Gazi Medical 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.

Gazi Medical Journal is indexed in Emerging Sources Citation Index, Scopus, Directory of Open Access Journals, EuroPub, Islamic World Science Citation Center, ABCD Index. The online published articles are freely available on the public internet.

Owner: Musa Yıldız on Behalf of Gazi University

Responsible Manager: Mehmet Ali Ergün



Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1
34093 İstanbul, Türkiye
Phone: +90 (539) 307 32 03

E-mail: info@galenos.com.tr/yayin@galenos.com.tr
Web: www.galenos.com.tr
Publisher Certificate Number: 14521

Publication Date: April 2024

ISSN: 2147-2092

International scientific journal published quarterly.

CONTENTS

Original Investigations - Özgün Araştırmalar

- 106 Seroprevalence and Trends in Human Immunodeficiency Virus Among Voluntary Non-Remunerated Blood Donors in a Teaching Hospital: Nine-year Retrospective Study**
Bir Eğitim Hastanesindeki Gönüllü, Karşılıksız Kan Bağışçıları Arasında İnsan İmmün Yetmezlik Virüsü Seroprevalansı ve Eğilimleri: Dokuz Yıllık Retrospektif Çalışma
Muhamad Aidil Zahidin, Noor Haslina Mohd Noor, Marini Ramli, Mohd Nazri Hassan, Zefarina Zulkafli, Salfarina Iberahim, Rosnah Bahar, Shafini Mohd Yusoff, Wan Suriana Wan Abdul Rahman, Marne Abdullah
- 111 Comparison of Harmonic Scalpel and Electrocautery During Breast Surgery: A Cohort Study**
Meme Cerrahisinde Harmonik Neşter ve Elektrokoterin Karşılaştırılması: Bir Kohort Çalışması
Hassan Moaiery, Mohammad Yahya Faridi
- 115 Evaluating the Effect of Chloroform and Water Extract of *Satureja khuzistanica* on the Expression of Bcl-2 and Bax in Gastric Cancer Cell Line**
Satureja khuzistanica Kloroform ve Su Ekstraktının Mide Kanseri Hücre Hattında Bcl-2 ve Bax Ekspresyonu Üzerine Etkisinin Değerlendirilmesi
Bagher Biglak, Asghar Tanomand, Leyla Açık, Farzad Arjomandi Rad, Gholamreza Shahsavari, Saman Kazemi, Hossein Soltanzadeh
- 121 Development of the COVID-19 Stigma Scale: Validity and Reliability Study**
COVID-19 Damgalama Ölçeğinin Geliştirilmesi: Geçerlilik ve Güvenilirlik Çalışması
Bahadır Geniş, Mustafa Yıldız
- 132 The Effect of Polyurethane Film Versus *Apis Dorsata* Honey Spray for Wound Dressing Following Long Bone Fractures Osteosynthesis**
Uzun Kemik Kırıklarında Osteosentez Sonrası Yara Pansumanında Poliüretan Film ve *Apis Dorsata* Bal Spreyinin Etkisi
Surianty Shafei, Mohd Ariff Sharifudin, Shaifuzain Ab Rahman, Abdul Nawfar Sadagatullah
- 139 Comparison of Use of Propiverine at 45 mg and Combined Treatment of Propiverine 30 mg and Mirabegron in Patients with Overactive Bladder Who did not Benefit from Propiverine 30 mg Treatment**
Propiverin 30 mg Tedavisinden Fayda Görmeyen Aşırı Aktif Mesaneli Hastalarda Propiverin 45 mg Kullanımı ile Propiverin 30 mg ve Mirabegron Kombine Tedavisinin Karşılaştırılması
İrfan Şafak Barlas, Selamettin Demir
- 145 Protective Effects of Curcumin and Resveratrol on Kidney Tissue on Cadmium-induced Oxidative Stress in Rats**
Sıçanlarda Kadmiyum Kaynaklı Oksidatif Strese Karşı Kurkumin ve Resveratrolün Böbrek Dokusu Üzerindeki Koruyucu Etkileri
Suat Cakina, Latife Ceyda İrkin, Şamil Öztürk
- 149 Mortality Predictors using Chest Computed Tomography Findings in COVID-19 Patients**
COVID-19 Hastalarının Bilgisayarlı Göğüs Tomografisi Bulgularındaki Mortalite Belirteçleri
Ali Yavuz Uzun, Yılmaz Üçüncü, Nur Hürsoy, Fatma Beyazal Çeliker, Zihni Yazıcı

CONTENTS

- 156 Survey to Assess the Impact of the COVID-19 Pandemic on Tinnitus Perception**
COVID-19 Pandemisinin Tinnitus Algısı Üzerindeki Etkisinin Değerlendirilmesi
Oğuz Yılmaz, Handan Yaman, Berna Özge Mutlu, Dilara Bayazıt, Serkan Eti, Hasan Demirhan, Yıldırım Ahmet Bayazıt
- 161 Retrospective Analysis of the Factors Affecting Recurrence, Survival, and Effect of Hippocampus Radiotherapy Doses on Neurocognitive Functions in Patients Diagnosed with Glioblastoma Multiforme**
Glioblastoma Multiforme Tanısıyla Tedavi Edilen Hastalarda Nüks, Sağkalımı Etkileyen Faktörlerin ve Hipokampus Radyoterapi Dozlarının Nörobilişsel Fonksiyonlara Etkisinin Retrospektif Analizi
Sevilcan İnan, Öznur Dönmez Tutanç, Hülya Ertaş, Fatih Aydemir, Burcu Caner, Turgay Toksoy, Pınar Çona
- 168 A Speckle-Tracking Echocardiography Study: Cardiac Effect of Sleep Duration**
Speckle-Tracking Ekokardiyografi Çalışması: Uyku Süresinin Kalp Üzerine Etkileri
Gülsüm Bingöl, Fulya Avcı Demir, Özge Özden, Emre Özmen, Serkan Ünlü
- 173 Wilson Disease in a Turkish Population: Molecular Insights into an Old Disease with Reported and Novel Variants**
Bir Türk Popülasyonunda Wilson Hastalığı: Bildirilen ve Yeni ATP7B Varyantlarıyla Eski Bir Hastalığa Moleküler Bakış
Abdullatif Bakır, Vehap Topçu, Büşranur Çavdarlı
- 179 Investigation of Prophylactic Drug Use Adherence in Patients with Migraine**
Migren Hastalarında Profilaktik İlaç Kullanımına Olan Uyumun Araştırılması
Ezgi Can, Tuğba Tunç
- 186 ChatGPT vs. Orthopedic Residents! Who is the Winner?**
ChatGPT Ortopedi Asistanlarına Karşı! Kazanan Kim?
Semih Yaş, Asim Ahmadov, Alim Can Baymurat, Mehmet Ali Tokgöz, Secdegül Coşkun Yaş, Mustafa Odluyurt, Tolga Tolunay
- 192 Kyphoplasty is not Superior to Vertebroplasty in Restoring Vertebral Height in the Long Term**
Kifoplasti, Uzun Dönemde Vertebral Yüksekliği Geri Kazandırmada Vertebroplastiye Üstün Değildir
Alim Can Baymurat, Ferid Abdulaliyev, Asim Ahmadov, Muhammed Furkan Tosun, Mustafa Melik Can, Cem İsmail Güngör, Alpaslan Şenköylü
- 200 Routine Histopathological Evaluation of Benign Anorectal Interventions: Essentiality or Excess?**
Benign Anorektal Girişimlerde Rutin Histopatolojik Değerlendirme: Gereklilik mi, Fazlalık mı?
Ramazan Kozan, Enes Aksu, Kürşat Dikmen

Case Reports - Olgu Sunumları

- 204 Surgical Treatment of the Oroantral Fistula in a Patient with Myasthenia Gravis: Clinical Considerations and Anesthetical Management**
Miyastenia Gravisli Bir Hastada Oroantral Fistülün Cerrahi Tedavisi: Klinik ve Anestezi Yönetimi
Elif Betül Yıldırım, Turan Kazan, Yeliz Kılınç, Necmiye Şengel

CONTENTS

208 A Rare Prenatal Case: Greig Cephalopolysyndactyly Syndrome

Nadir Bir Prenatal Olgu: Greig Sefalopolisindaktili Sendromu

Tilbe Hakçıl, Gülsüm Kayhan, Tuncay Nas, Pınar Telli Celtemen, Meral Yirmibeş Karaoğuz

Review - Derleme

212 A General Overview of Mesenchymal Stem Cell Therapies in Drug- and Chemical-Induced Liver Injury Models

İlaç ve Kimyasal Kaynaklı Karaciğer Hasarı Modellerinde Mezenkimal Kök Hücre Tedavi Uygulamalarına Genel Bir Bakış

Müşerref Şeyma Ceyhan, Suna Ömeroğlu, Zeynep Yiğman

Original Image - Orijinal Görüntü

222 Rare Old Distal Carpal Row Dislocation: Wait, do not Reduce, or Operate

Nadir Eski Distal Karpal Sıra Çıkığı: Bekleyin, Azaltmayın veya Çalıştırmayın

Muath Mamdouh Mahmud Al-Chalabi, Abdul Nawfar Sadagatullah, Wan Azman Wan Sulaiman