

GAZI MEDICAL JOURNAL







medicaljournal.gazi.edu.tr



Editorial Team

Owner

Prof. MD. Uğur Ünal 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 Özaslan, MD, Gazi University Faculty of Medicine Department of Child and Adolescent Psychiatry, Ankara, Türkiye

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

Ayse 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, Ankara, Türkiye

GAZI MEDICAL JOURNAL

medicaljournal.gazi.edu.tr



Ethical Board

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

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

Statistical Board

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

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

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

Cagatay 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 Türkiye, 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 2025 e-ISSN: 2147-2092

International scientific journal published quarterly.



medicaljournal.gazi.edu.tr



CONTENTS

Original Investigations - Özgün Araştırmalar

124 Analysis of Brain Activation and Effective Connectivity During Self-paced Unilateral and Bilateral Finger Tapping Using Functional Magnetic Resonance Imaging in Patients with Temporal Lobe Epilepsy

Temporal Lob Epilepsisi Hastalarında Fonksiyonel Manyetik Rezonans Görüntüleme Kullanarak Öznel Zamanlı Tek Taraflı ve Çift Taraflı Parmak Tıklama Sırasında Beyin Aktivasyonu ve Etkin Bağlantılılığın Analizi

Bazli Md Yusoff, Mohd Ezane Aziz, Aini Ismafairus Abd Hamid, Husbani Mohd Amin Rebuan, Muhammad Riddha Abdul Rahman

131 Real Versus Virtual Classes: A Perspective from Medical Undergraduate Student's Point of View with Their Effectiveness in Learning

Gerçek ve Sanal Sınıflar: Tıp Lisans Öğrencisinin Öğrenmedeki Etkinliği ile Bakış Açısından Bir Bakış Aditya Lochab, Chandni Gupta, Vikram Palimar

136 Alpha-Mangostin Provides Protection from Mucosal Damage via Prostaglandin E2 in Indomethacin and Ethanol-Induced Gastric Ulcers

Alfa-Mangostin, İndometasin ve Etanol Kaynaklı Gastrik Ülserlerde Prostaglandin E2 Aracılığıyla Mukozal Hasara Karşı Koruma Sağlar

Ersen Eraslan, Burak Bircan, Ayhan Tanyeli, Mustafa Can Güler, Yasin Bayır, Selim Çomaklı

144 Evaluation of Healthy Lifestyle Behavior of Family Physicians and Lifestyle Medicine in Their Clinical Practice

Aile Hekimlerinin Sağlıklı Yaşam Biçimi Davranışlarının ve Klinik Uygulamalarında Yaşam Biçimi Tıbbının Değerlendirilmesi

Özden Gökdemir, Hasan Kazdağlı, Makbule İlgi Şemin

152 Dual Therapy with Ellagic Acid and Carnosic Acid Ameliorates STZ-Induced Diabetic Conditions in Rats by Alleviating Liver Oxidative Stress

Elajik Asit ve Karnosik Asit ile Yapılan İkili Tedavi Karaciğer Oksidatif Stresini Hafifleterek Sıçanlarda STZ ile İndüklenen Diyabetik Koşulları İyileştirir

Ayşegül Berktaş, Elif Naz Gürsoy, Kaan Kaltalıoğlu, Şule Coşkun Cevher

162 Prognostic Factor and Survival Rate Among Breast Cancer Patients' Post-Surgical Treatment

Memedeki Kanser Hastalarının Cerrahi Tedavi Sonrası Prognostik Faktörler ve Sağkalım Oranı

Raynee Kumilau, Firdaus Hayati, Jerry ES Liew, Siti Zubaidah Sharif, Nik Amin Sahid Nik Lah, Dona Cyreline Chin, Diana Lapai

169 Evaluation of Postoperative Pain in Patients Undergoing Erector Spinae Plane Block in Breast Surgeries

Meme Cerrahilerinde Erektör Spina Plan Blok Yapılan Hastalarda Postoperatif Dönemde Ağrının Değerlendirilmesi Gizem Kara, Metin Alkan, Ramazan Kozan, Nuray Camgöz Eryılmaz, Mustafa Arslan

177 Rutin Protects Pancreatic Islets Against Methylglyoxal-Induced Oxidative Stress and Elevates Insulin Secretion

Rutin, Metilglioksal Kaynaklı Oksidatif Strese Karşı Pankreatik Adacıkları Korur ve İnsülin Salgılanmasını Artırır Elnaz Harooni, Vahid Radmehr, Reza Noei Razliqi, Akram Ahangarpour, Hadi Bazyar

GAZI MEDICAL JOURNAL

medicaljournal.gazi.edu.tr



CONTENTS

184 Diagnostic Process of Adolescents with Abnormal Uterine Bleeding in Pediatric Departments: Single Center Results

Anormal Uterin Kanaması Olan Ergenlerin Tanı Süreci: Tek Merkez Sonuçları Aytül Temuroğlu, Ayşe Özden, Esra Dişçi

192 Perspectives on Listening to Music in the Operating Room Among Healthcare Professionals: A Cross-Sectional Study

Ameliyathanede Müzik Dinlemenin Sağlık Profesyonelleri Arasındaki Perspektifleri: Kesitsel Bir Çalışma Bengü Mutlu Sütcüoğlu, Zeynep Ceren Ünlü, Sude Aleyna Erdem

199 Exploring the Predictive Potential of Systemic Immune Inflammation Index and Hematologic Markers in Preterm Labor Risk Assessment

Preterm Doğum Riskinin Değerlendirilmesinde Sistemik İmmün Enflamasyon İndeksi ve Hematolojik Belirteçlerin Öngörü Potansiyelinin Araştırılması Sadullah Özkan, Yaprak Üstün

The Effect of Clinical Decision Support System on the Success of Respirative Syncytial Virus (RSV) Prophylaxis

Klinik Karar Destek Sisteminin Respiratuvar Sinsityal Virüs (RSV) Profilaksi Başarısı Üzerindeki Etkisi Gizem Karkın Tozlu, İpek Bozkurt, Serdar Kula

Case Reports - Olgu Sunumları

208 Nasopharyngeal Lipoma in an Adolescent Girl

Ergenlik Çağındaki Bir Kız Çocuğunda Nazofarengeal Lipom Nur Syareena Musa, Jeyasakthy Saniasiaya, Norhaslinda Abdul Gani

211 Paroxysmal Autonomic Instability with Dystonia (PAID) Syndrome: A Rare Occurrence

Distoni ile Paroksismal Otonomik İnstabilite (PAİD) Sendromu: Nadir Bir Olgu Vayara Perumall Vinodh, Sivakumaran Rajandran, Rajesh Kumar Muniandy, Pulivendhan Sellamuthu

214 Patellar Tendon Avulsion at the Tibial Tubercle at Subacute Stage: A Case Report

Subakut Evrede Tibial Tüberkül Seviyesinde Gelişen Patellar Tendon Avulsiyonu: Olgu Sunumu Hamza Özer, Asım Ahmadov, Tayfun Özel, Ramazan Düzgün, Gökberk Baki, Salih Erdem

218 Urinary Tract Cistern as a Rare Cause of Huge Abdominal Cystic Mass in an Infant: A Case Report

İnfantta Dev Abdominal Kistik Kitleye Neden Olan Nadir Bir Üriner Sistem Sarnıcı: Olgu Sunumu Ender Cem Bulut, Nihat Karabacak, M. Özgur Tan, Serhat Gürocak

221 Is Laparoscopic Distal Gastrectomy A Justified Approach for Adult Hypertrophic Pyloric Stenosis, a Rare Cause of Gastric Outlet Obstruction? (with video)

Nadir Bir Mide Çıkış Obstrüksiyonu Nedeni Olan Erişkin Hipertrofik Pilor Stenozunda Laparoskopik Distal Gastrektomi Yaklaşımı Uygun Bir Tedavi Seçeneği Midir? (video ile)

Mehmet Akif Türkoğlu, Mert Ekinci, Ayşenur Sert, Böke Ecenur Alyaz, Feriha Pınar Uyar Gocun



medicaljournal.gazi.edu.tr



CONTENTS

Literature Review with Cases | Olgularla Literatür İncelemesi

226 Challenges and Strategies for Educating Medical Students During the COVID-19 Pandemic: A Systematic Review

COVID-19 Pandemisi Sırasında Tıp Öğrencilerini Eğitmenin Zorlukları ve Stratejileri: Sistematik Bir İnceleme Khalil Kalavani, Saber Azami-Aghdash, Zahra Zare, Elham Shami, Mahdiyeh Heydari

236 Efficacy of Apoptic Agents in Cervical Cancer Treatment

Servikal Kanser Tedavisinde Apopitotik Ajanların Etkinliği Esra İşçi Bostancı, Hacer İlke Önen

242 Endemic Goiter in Kitâbu Divanü Lügat-it Türk: Evidence From 11th Century

Kitabu Divanü Lügatu Türk'de Endemik Guatr: 11. Yüzyıldan Bir Delil Yusuf Kemal Kemaloğlu