

Volume: 39

Issue: 5

September 2022

Editorial

 Are We Acting Responsibly Against Multiple Submission? Zafer Kocak.

Invited Reviews

- Hemophagocytic Lymphohistiocytosis Kaçar and Celkan.
- Parkinson's Disease Neuroinflammation and Treatment *Çınar et al.*
- A Review of Podcasts for Medical Education Okonski et al.

Original Articles

- Seizure and Salbutamol Uysalol et al.
- Characteriscts of Patients with GM1 Gangliosidosis *Akar et al.*
- Comparison of Goal-directed Versus Standard Fluid
 Therapy
- Turkut et al.
- Undetectable Hypotension Episodes in Cesarean Section Avhan et al.
- Pulmonary Embolism in Childhood Hangül et al.

Clinical Images

- Epstein-Barr Virus-associated Cholecystitis Toshimasa Yamaguchi.
- An Unusual Cause of Colonic Obstruction Yusaku Kajihara.

Letters to the Editor

- Torsion of Subserous Uterine Fibroid in a Postmenopausal Woman Yamashita et al.
- Is the Medical Malpractice Law Sufficient to prevent defensive medicine in Turkey? *Kurtaş and Yılmaz.*
- SARS-CoV-2 and Creutzfeldt Jakob Disease Doğru and Kehaya.
- Remote Cardiac Support System in Turkey Taylan et al.





Indexed in SCI Expanded and PubMed/MEDLINE • Citation Abbreviation: Balkan Med J www.balkanmedicaljournal.org

Cover Design: Zehra Atabey Cover Image: It is pictured in the photograph of Behiç Günalan.

(Sultan Bayezid II Complex: One of the Earliest Medical Schools, 148, Edirne)



Editor-in-Chief

Zafer KOÇAK, MD Department of Radiation Oncology, Trakya University School of Medicine, Edirne, Turkey zaferkocak12@gmail.com

Honorary Editor

Ahmet ULUGÖL, MD Department of Pharmacology, Trakya University School of Medicine, Edirne, Turkey aulugol@trakya.edu.tr

Biostatistics Editor

Necdet SÜT, PhD Department of Biostatistics and Informatics, Trakya University School of Medicine, Edirne, Turkey necdetsut@yahoo.com

Ethics Editor

Berna ARDA, MD., PhD Department of History of Medicine and Medical Ethics, Ankara University School of Medicine, Ankara, Turkey

Web and Social Media Editor

Servet ALTAY, MD Department of Cardiology, Trakya University School of Medicine, Edirne, Turkey

Deputy Editors

Servet ALTAY, MD Department of Cardiology, Trakya University School of Medicine, Edirne, Turkey svtaltay@gmail.com

Dincer AVLAN, MD Department of Pediatric Surgery, Division of Pediatric Urology, Trakya University School of Medicine, Edirne, Turkey dinceravlan@gmail.com

Okan ÇALIYURT, MD Department of Psychiatry, Trakya University School of Medicine, Edirne, Turkey caliyurt@hotmail.com

Hakan ERBAŞ, PhD., MSc Department of Biochemistry, Trakya University School of Medicine, Edirne, Turkey hakanerbas@hotmail.com

Mustafa İNAN, MD Department of Pediatric Surgery, Trakya University School of Medicine, Edirne, Turkey mustafainan@trakya.edu.tr

Ufuk USTA, MD Department of Pathology, Trakya University School of Medicine, Edirne, Turkey drufukusta@hotmail.com

Associate Editors

Halis AKALIN, MD

Department of Infectious Diseases and Clinical Microbiology, Uludag University Faculty of Medicine, Bursa, Turkey

Ozan AKÇA, MD

Department of Anesthesiology & Perioperative Medicine, University of Louisville, Louisville, Kentucky

Alper AKÇALI, MD Department of Medical Microbiology, Çanakkale Onsekiz Mart University School of Medicine, Çanakkale, Turkey

Mutlu ARAT, MD Department of Haematology and Bone Marrow Transplantation Unit, Bilim University Faculty of Medicine, İstanbul, Turkey

Murat BİRTANE, MD Department of Physical Medicine and Rehabilitation, Trakya University School of Medicine, Edirne, Turkey

Halit CANATAN, PhD., MSc Department of Medical Biology, Erciyes University School of Medicine, Kayseri, Turkey

Mustafa ÇIKIRIKÇIOĞLU, MD., PhD., FETCS Division of Cardiovascular Surgery, Department of Surgery, University Hospitals of Geneva, Geneva, Switzerland

Meletios A. DIMOPOULOS, MD., PhD Department of Clinical Therapeutics, Hematology/Oncology, University of Athens School of Medicine, Athens, Greece

Dragoslava DJERIC, MD., PhD Department of Otology, University of Belgrade School of Medicine, Belgrade, Serbia

Hakan EMMUNGIL, MD Department of Rheumatology, Trakya University School of Medicine, Edirne, Turkey

Suat ERDOĞAN, PhD., MSc Department of Medical Biology, Trakya University School of Medicine, Edirne, Turkey

Marco FIORE, PhD Department of Molecular Biology, Institute of Cellular Biology and Neurobiology, CNR, Rome, Italy

Mohamad GOLDUST, MD Department of Dermatology & Allergy, University Hospital Basel, Basel, Switzerland

Serdar GÖZEN, MD Department of Urology, SLK-Kliniken, University of Heidelberg, Heidelberg, Germany

Özgür GÜNDÜZ, MD Department of Pharmacology, Trakya University School of Medicine, Edirne, Turkey

Ahmet GÜRAKAR, MD Department of Gastroenterology and Hepatology, Johns Hopkins University School of Medicine, Baltimore, USA

Hakan GÜRKAN, MD., PhD

Diagnostics Center for Genetic Diseases, Trakya University School of Medicine, Edirne, Turkey

Erol GÜRPINAR, MD Department of Medical Education, Akdeniz University School of Medicine, Antalya, Turkey

Osman Nuri HATİPOĞLU, MD Department of Pulmonary Diseases, Trakya University School of Medicine, Edirne, Turkey

Marko HAWLINA, MD., PhD Department of Ophthalmology, University of Ljubljana School of Medicine, Ljubljana, Slovenia

Irena HOCEVAR-BOLTEZAR, MD., PhD Department of Foniatri and Audiology, University of Ljubljana School of Medicine, Ljubljana, Slovenia

Edin HUSARIC, MD., PhD Department of Pediatric Surgery, University Clinical Center, Tuzla, Bosnia and Herzegovina

Yasemin KARAL, MD Department of Pediatrics, Trakya University School of Medicine, Edirne, Turkey

Darko KASTELAN, MD., PhD Department of Endocrinology, University of Zagreb School of Medicine, Zagreb, Croatia

A. Murat KAYNAR, MD, MPH Department of Anesthesiology and Perioperative Medicine, Univerity of Pittsburg, Pittsburg, Pennsylvania, USA

Ayça KIYKIM, MD Department of Pediatric Immunology and Allergy, İstanbul University-Cerrahpaşa Cerrahpaşa School of Medicine, İstanbul, Turkey

Burak KOÇAK, MD Clinic of Radiology, University of Health Sciences Turkey, Başakşehir Çam and Sakura City Hospital, İstanbul, Turkey

Shima MEHRABIAN, MD., PhD Department of Neurology, University Hospital Alexandrovska, Sofia, Bulgaria

Pavle MIKLIC, MD Department of Neurosurgery, University of Zagreb School of Medicine, Zagreb, Croatia

Milan STANKOVIC, MD., PhD Department of Otolaryngology, University of Nis School of Medicine, Nis, Serbia

Burcu TOKUÇ, MD., PhD Department of Public Health, Tekirdağ Namık Kemal University School of Medicine, Tekirdağ, Turkey

Eda TAHİR TURANLI, PhD., MSc

Department of Molecular Biology and Genetics, Acıbadem University School of Medicine, İstanbul, Turkey

Alparslan TURAN, MD Department of Outcomes Research, Anesthesiology Institute, Cleveland Clinic, Cleveland, Ohio USA

İsmail Barış TÜRKBEY, MD

Department of Radiology, National Cancer Institute, NIH, Bethesda MD, USA

Belgin ÜNAL, MD

Department of Public Health, Dokuz Eylül University School of Medicine, İzmir, Turkey

Yeşim Hülya UZ, MD

Department of Histology and Embryology, Trakya University School of Medicine, Edirne, Turkey

Sedat ÜSTÜNDAĞ, MD Department of Nephrology, Trakya University School of Medicine, Edirne, Turkey

Irena VELCHEVA, MD., PhD Department of Neurology, Medical University, Sofia, Bulgaria

Stanislav YANEV, MD., PhD Department of Pharmacology, Bulgarian Academy of Sciences, Sofia, Bulgaria

Assistant Associate Editors

Murat DEVECİ, MD Department of Pediatrics, Trakya University School of Medicine, Edirne, Turkey

Hande GÜÇLÜ, MD Department of Ophthalmology, Trakya University School of Medicine, Edirne, Turkey

Cem İBİŞ, MD Department of General Surgery, İstanbul University School of Medicine, İstanbul, Turkey

Cihan İNAN, MD Department of Obstetrics and Gynecology, Trakya University School of Medicine, Edirne, Turkey

Fethi Emre USTABAŞIOĞLU, MD Department of Radiology, Trakya University School of Medicine, Edirne, Turkey

Editorial Advisory Board

Eyüp Sabri AKARSU, MD Department of Pharmacology, Ankara University School of Medicine, Ankara, Turkey

Serhan ALKAN, MD Department of Pathology, Cedars Sinai Medical Center, Los Angeles, CA, USA

Christian APFEL, MD, PhD Department of Anesthesiology and Perioperative Care, University of California San Francisco, San Francisco, CA, USA

Stavros J. BALOYANNIS, MD, PhD Department of Neurology, Aristotle University of Thessaloniki School of Medicine, Thessaloniki, Greece

George N. CHALDAKOV, MD, PhD Department of Cell Biology, Medical University of Varna, Varna, Bulgaria

Anthony H. DICKENSON, MD, PhD Department of Pharmacology, University College London, London, UK

Dan M. FLISS, MD, PhD Department of Maxillofacial and Skullbase Surgery, Tel Aviv Sourasky Medical Center, Tel Aviv, Israel

C. Michael GIBSON MD, MS Interventional Cardiologist, Beth Israel Deaconess Medical Center, Professor of Medicine, Harvard Medical School, Boston. MA. United States

Ahmet GÜRAKAR, MD

Department of Hepatology, Johns Hopkins School of Medicine, Baltimore, MD, USA

Todor KANTARDJIEV, MD, PhD

Department of Parasitology and Microbiology, National Centre Infectious and Parasitic Diseases, Bulgaria

Özgür Kasapçopur, MD

Department of Pediatric Rheumatology, İstanbul University-Cerrahpaşa, Cerrahpaşa School of Medicine, İstanbul, Turkey

Fahrettin KELEŞTIMUR, MD

Department of Endocrinology, Erciyes University School of Medicine, Kayseri, Turkey

George KOLIOS, MD, PhD

Department of Pharmacology, Democritus University of Thrace School of Medicine, Alexandroupolis, Greece

Ana MARUSIC, MD, PhD

Department of Anatomy & Research in Biomedicine and Health, University of Split, Split, Croatia

Ranko MLADINA, MD, PhD

Department of Rhinology, University of Zagreb School of Medicine, Zagreb, Croatia

Eugene N. MYERS, MD, FACS, FRCS Edin (Hon)

Department of ORL, Head-Neck & Maxillofacial Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Jean-Marc NABHOLTZ, MD, PhD

Clinical and Translational Research Division, Jean Perrin Comprehensive Cancer Centre, Clermont-Ferrand, France

Keiji OGUMA, MD, PhD

Department of Bacteriology, Okayama University School of Medicine, Okayama, Japan

Metin ÖZDEMİRLİ, MD

Professor of Pathology, MedStar Georgetown University Hospital Washington DC, United States

Mustafa TEKİN, MD

Division of Clinical and Translational Genetics, Dr. John T. Macdonald Foundation Department of Human Genetics, University of Miami Miller School of Medicine, Miami, FL, USA

Juan A. TOVAR, MD

Department of Pediatric Surgery, La Paz University Hospital, Madrid, Spain

Mark D. WALTERS, MD, PhD

Department of Gynecology and Obstetrics, Cleveland Clinic, Cleveland, OH, USA

Enver ZEREM, MD, MS, PhD

Department of Gastroenterology, University Clinical Center, Tuzla, Bosnia and Herzegovina

Please refer to the journal's webpage (www.balkanmedical journal.org) for "Editorial Policy", "Instructions to Authors" and "Instructions to Reviewers".

The Balkan Medical Journal and/or its editors are members of ICMJE, COPE, WAME, CSE and EASE, and follow their recommendations. The Balkan Medical Journal is indexed in Science Citation Index Expanded (Web of Science), Journal Citation Reports, PubMed/MEDLINE, PubMed Central, Scopus, EMBASE, DOAJ, Chemical Abstracts, CINAHL, EBSCO, J-Gate, GALE, ProQuest, Türk Medline, Türkiye Atıf Dizini, IdealOnline, Global Health, UDL-EDGE, Hinari, GOALI, ARDI, OARE, AGORA and TÜBİTAK ULAKBİM TR Index.

The journal is printed on an acid-free paper.

Galenos Publishing House

Owner: Filiz Akata On Behalf of Trakya University School of Medicine Responsible Manager: Zafer KOÇAK



Owner and Publisher Derya Mor Erkan Mor Publication Coordinator Burak Sever Web Coordinators Fuat Hocalar Turgay Akpınar Graphics Department Ayda Alaca Çiğdem Birinci Gülay Saday Gülşah Özgül Finance Coordinators Emre Kurtulmuş Sevinç Çakmak Project Coordinators Aysel Balta Gamze Aksoy Gülay Akın Hatice Sever Melike Eren Özlem Çelik Çekil Pınar Akpınar Rabia Palazoğlu Sümeyye Karadağ Research&Development Nihan Karamanlı Digital Marketing Specialist Ümit Topluoğlu Publisher Contact Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 34093 İstanbul, Turkey Phone: +90 (212) 621 99 25 Fax: +90 (212) 621 99 27 E-mail: info@galenos.com.tr/yayin@galenos.com.tr Web: www.galenos.com.tr Publisher Certificate Number: 14521 Printing at: Trakya Üniversitesi Matbaası Edirne Teknik Bilimler M.Y.O Sarayiçi Yerleşkesi, 22020 Yeni İmaret, Edirne, Turkey Phone: +90 (284) 224 02 83 Printing Date: September 2022 ISSN: 2146-3123 E-ISSN: 2146-3131 International scientific journal published bimonthly.

CONTENTS

Editorial

307 Are We Acting Responsibly Against Multiple Submission? Zafer Koçak; Edirne Turkey

Invited Reviews

- **309 Hemophagocytic Lymphohistiocytosis** Ayse Gonca Kaçar, Tiraje Tülin Celkan; Adıyaman, İstanbul, Turkey
- **318** Neuroinflammation in Parkinson's Disease and its Treatment Opportunities Elif Çınar, Banu Cahide Tel, Gürdal Şahin; Zonguldak, Ankara, Turkey, Lund, Sweden
- **334 Podcasting as a Learning Tool in Medical Education: Prior to and During the Pandemic Period** *Ryan Okonski, Serkan Toy, Jed Wolpaw; New York, Roanake, Baltimore, United States*

Original Articles

340 Is Seizure an Adverse Effect of Salbutamol in the Pediatric Population?

Metin Uysalol, Raif Yıldız, Zeynep Güneş Özünal; İstanbul, Turkey

345 Single Institutional Experience with GM1 Gangliosidosis: Clinical and Laboratory Results of 14 Patients

Halil Tuna Akar, Yılmaz Yıldız, Gökhan Güvenkaya, Kısmet Çıkı, Ayşe Burcu Kahraman, İzzet Erdal, Turgay Coşkun, Ali Dursun, Hatice Serap Sivri, Ayşegül Tokatlı; Ankara, Turkey

351 Comparison of Stroke Volume Variation-based goal-directed Therapy Versus Standard Fluid Therapy in Patients Undergoing Head and Neck Surgery: A Randomized Controlled Study

Nuray Turkut, Demet Altun, Nur Canbolat, Cansu Uzuntürk, Cömert Şen, Ali Emre Çamcı; İstanbul, Turkey

358 Can Hypotension Episodes that were not Identified in the Non-Invasive Blood Pressure be Detected during Cesarean Section? A Randomized Controlled Trial

Asude Ayhan, Nükhet Akovalı, Aynur Camkıran Fırat; Ankara, İstanbul, Turkey

366 Pulmonary Embolism in Childhood: A Multicenter Experience from Turkey

Melih Hangül, Mehmet Köse, Sevgi Pekcan, Ümran Çalışkan, Hüseyin Tokgöz, Ayşe Tana Aslan, Tuğba Şişmanlar Eyüboğlu, Tuğba Ramaslı Gürsoy, Nihan Kırçıl, Ali Ersoy, Tahir Tok, Aslı İmran Yılmaz; Kayseri, Konya, Ankara, Turkey

Clinical Images

374 Acalculous Cholecystitis Secondary to Epstein-Barr Virus Infection

Toshimasa Yamaguchi; Osaka, Japan

376 Phlebosclerotic Colitis Associated with Long-term Use of a Chinese Herbal Medicine Containing Gardenia Fruit

Yusaku Kajihara; Aomori, Japan

Letters to the Editor

378 A Rare Cause of Acute Abdomen: Torsion of Subserous Uterine Fibroid in a Postmenopausal Woman

So Yamashita, Hirohisa Fujikawa, Toru Yoshizawa; Nagano, Tokyo, Japan

- 380 Is the New Medical Malpractice Law Sufficient to Prevent Physicians from Practicing Defensive Medicine in Turkey? Ömer Kurtaş, Rıza Yılmaz; Kocaeli, Turkey
- 381 Do Severe Acute Respiratory Syndrome Coronavirus 2 Vaccines Change Creutzfeldt-Jakob Disease Prognosis? Yüce Doğru, Sezgin Kehaya; İstanbul, Edirne, Turkey
- **383 First Experience of Cardiac Device Implantation with Remote Cardiac Support System in Turkey** Gökay Taylan, Murat Gök, Uğur Özkan, Servet Altay, Kenan Yalta; Edrine Turkey