

ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 3 | Volume: 19 | Year: 2023

MEDICAL JOURNAL OF BAKIRKÖY



ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 3 | Volume: 19 | Year: 2023

MEDICAL JOURNAL OF BAKIRKÖY

Medical Journal of Bakırköy of is an official scientific Journal of University of Health Sciences Türkiye,
Bakırköy Dr. Sadi Konuk Training and Research Hospital (BMJ)
It is published quarterly as 4 issues every year (March, June, September, December).

Medical Journal of Bakirköy is an open Access, free and peer-reviewed journal and indexed in ESCI, EMBASE, Scopus, EBSCO and ULAKBIM TR Dizin.

Instructions for Authors and publication policy is available on our website.

www.bakirkoytip.org

@All rights are reserved. Rights to the use and reproduction, including in the electronic media, of all communications, papers, photographs and illustrations appearing in this journal belong to BMJ. Reproduction without prior written permission of part or all of any material is forbidden. The journal complies with the Professional Principles of the Press.

Owner

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital

Editor-in Chief

Prof. MD. Esra Şevketoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Intensive Care, İstanbul, Türkiye 0000-0002-8330-2877 caglaes@yahoo.com

Editorial Assistants

Assoc. Prof. MD. Altuğ Duramaz

University of Health Sciences Türkiye, Bakırköy MD. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye ORCID ID: 0000-0002-5012-2079 E-mail: altug.duramaz@yahoo.com

Assoc. Prof. MD. Esra Deniz Papatya Çakır

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Endocrinology, İstanbul, Türkiye 0000-0003-4664-7435 edpapatya@yahoo.com.tr

Assoc. Prof. MD. Musa Cırak

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Brain Surgery, İstanbul, Türkiye

ORCID ID: 0000-0002-0175-9655 E-mail: musacirak@hotmail.com

Assoc. Prof. Sema Çiftçi Doğanşen

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Endocrinology, İstanbul, Türkiye 0000-0002-0383-6562 sdogansen@gmail.com

Assoc. Prof. Zafer Çukurova

University of Health Sciences Türkiye, Bakırköy MD. Sadi Konuk Training and Research Hospital, Clinic of Anestesiology and Reanimation, İstanbul, Türkiye ORCID ID: 0000-0002-8893-3977 E-mail: zcukurova@gmail.com

Language Editors

Galenos Publishing
Statistics Editors

Emire Bor

Administrative Office

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital Tevfik Sağlam Cad. No: 11 Zuhuratbaba İstanbul - Türkiye

Tel: +90 212 414 71 59 / 90 212 241 68 20 mail: info@bakirkoytip.org



Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 34093 İstanbul, Türkiye GSM: +90 530 177 30 97

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

> Printing Date: September 2023 ISSN: 1305-9319 E-ISSN: 1305-9327 International scientific journal published quarterly.



• Prof. MD. Abdul Cem İbis

İstanbul University, İstanbul Faculty of Medicine, Hepato-Pancreato-Biliary Surgery and Liver Transplantation Unit, Istanbul, Türkiye

• Prof. MD. Abdulbaki Kumbasar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Genel Medicine, Istanbul, Türkiye

• Prof. MD. Abdurrahim İmamoğlu

Dışkapı Yıldırım Beyazit Training and Research Hospital, Clinic of Urology, Ankara, Türkiye

• Prof. MD. Adem Fazlıoğlu

Istinye University Medical Park Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Ahmet Cem Dural

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Prof. MD. Ahmet Rahmi Onur

Fırat University Faculty of Medicine, Department of Urology, Elazıg, Türkiye

• Prof. MD. Ahmet Tan Cimilli

University of Health Sciences Türkiye, Bağcılar Training and Research Hospital, Clinic of Radiology, Istanbul, Türkiye

• Prof. MD. Ahmet Yaser Müslümoğlu

University of Health Sciences Türkiye, Bağcılar Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Alev Kural

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Biochemistry, Istanbul, Türkiye

• Prof. MD. Ali Atan

Gazi University Faculty of Medicine, Department of Urology, Ankara, Türkiye

• Assoc. Prof. MD. Ali Aycan Kavala

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Hearth Surgery, Istanbul, Türkiye

• Prof. MD. Ali Fuat Atmaca

Memorial Hospital, Clinic of Urology, Ankara, Ankara, Türkiye

• Prof. MD. Ali İhsan Taşçı

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Ali Orhan Bilge

Koç University Faculty of Medicine, Department of General Surgery, Hepato-Pancreato-Biliary Surgery Unit, Istanbul, Türkiye

• Prof. MD. Ali Özdemir

İstanbul Fatih Sultan Training and Research Hospital, Clinic of Internal Medicine, Istanbul, Türkiye

• Prof. MD. Aliye Soylu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Gastroenterology, Istanbul, Türkiye

• Assoc. Prof. MD. Alper Ötünçtemur

University of Health Sciences Türkiye, İstanbul Prof. Dr. Cemil Taşcıoğlu City Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Altan Sencer

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurosurgery, Istanbul, Türkiye

• Assoc. Prof. MD. Altuğ Duramaz

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye

• Prof. MD. Asıf Yıldırım

Medeniyet University Göztepe Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. Asuman Gedikbaşı

İstanbul University, İstanbul Faculty of Medicine, Department of Genetics and Biochemistry, Istanbul, Türkiye

• Prof. MD. Atilla Semerciöz

University of Health Sciences Türkiye, Bağcılar Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Ayhan Verit

Fatih Sultan Mehmet Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Aysu Şen

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Assoc. Prof. MD. Batuhan Kara

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Radiology, Istanbul, Türkiye

• Assoc. Prof. MD. Berkan Reşörlü

Memorial Ankara Hospital, Clinic of Urology, Ankara, Türkiye

• Prof. MD. Bülent Erol

Florence Nightingale Hospital, Istanbul, Türkiye

• Assoc. Prof. MD. Burçe Can Kuru

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Dermatology, Istanbul, Türkiye

• Assoc. Prof. MD. Cemal Bes

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye



• Prof. MD. Cemal Kural

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye

• Prof. MD. Cenk Gürbüz

University of Beykoz, Istanbul, Türkiye

• Assoc. Prof. MD. Cevher Akarsu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Çiğdem Kekik

İstanbul University, İstanbul Faculty of Medicine, Department of Medical Biology, Division of Medical Biology and Genetics, Istanbul, Türkiye

• Assoc. Prof. MD. Cihan Kaya

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Obstetric and Gynecology, Istanbul, Türkiye

• Assoc. Prof. MD. Damlanur Sakız

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pathology, Istanbul, Türkiye

• Assoc. Prof. MD. Deniz Tural

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Didem Karaçetin

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Radiation Oncology, Istanbul, Türkiye

• Assoc. Prof. MD. Ebru Şen

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Elif Hocaoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Radiology, Istanbul, Türkiye

• Assoc. Prof. MD. Emrah Yürük

University of Health Sciences Türkiye, Bağcılar Training and Research Hospital, Clinic of Urology Istanbul, Türkiye

• Assoc. Prof. MD. Emre Yıldırım

Şahinbey Training and Research Hospital, Clinic of Gastroenterology, Gaziantep, Türkiye

• Prof. MD. Enver Özdemir

Eyüp Taksim Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Ercan İnci

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Radiology, Istanbul, Türkiye

• Prof. MD. Erdal Birol Bostancı

T.C. The Ministry of Health Ankara Hospital, Division of Gastroenterology Surgery, Ankara, Türkiye

• Prof. MD. Erdoğan Çetinkaya

İstanbul Chest Diseases and Thoracic Surgery Training and Research Hospital, Clinic of Chest Diseases, Istanbul, Türkiye

• Assoc. Prof. MD. Ersin Erçin

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye

• Assoc. Prof. MD. Esra Ataoğlu

University of Health Sciences Türkiye, Haseki Training and Research Hospital, Clinic of General Internal Medicine, Istanbul, Türkiye

• Prof. MD. Esra Şevketoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Intensive Care, Istanbul, Türkiye

• Prof. MD. Eyüp Veli Küçük

University of Health Sciences Türkiye, Ümraniye Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Fadime Ulviye Yiğit

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Ophtalmology, Istanbul, Türkiye

• Prof. MD. Fatih Altunren

University of Health Sciences Türkiye, İstanbul Prof. Dr. Cemil Taşcıoğlu City Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Fatih Tunca

İstanbul University, İstanbul Faculty of Medicine, Department of Endocrine Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Fatih Yanaral

University of Health Sciences Türkiye, Haseki Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Fatma Nihan Turhan Çağlar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Cardiology, Istanbul, Türkiye

• Prof. MD. Fatma Oğuz Sarvan

Istanbul University, Istanbul Faculty of Medicine, Department of Medical Biology, Division of Medical Biology and Genetics, Istanbul, Türkiye

• Assoc. Prof. MD. Fehmi Hindilerden

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Feyzi Arda Atar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye



• Assoc. Prof. MD. Figen Palabıyık

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Radiology, Istanbul, Türkiye

• Assoc. Prof. MD. Gökhan Atış

Medeniyet University Göztepe Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Gökhan Tolga Adaş

University of Health Sciences Faculty of Medicine, Department of General Surgery, Division of Hepato-Pancreato-Biliary Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Gökmen Sevindik

Mega Bağcılar Medipol University Hospital, Clinic of Oncology, Istanbul, Türkiye

• Assoc. Prof. MD. Gökmen Umut Erdem

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Göksel Dikmen

Acıbadem Mehmet Ali Aydınlar University Faculty of Medicine, Department of Orthopaedics and Traumatology, Istanbul, Türkiye

• Assoc. Prof. MD. Günay Gül

Bakırköy Prof. MD. Mazhar Osman Mental Health and Neurological Diseases Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Prof. MD. Güralp Onur Ceyhan

Acıbadem Mehmet Ali Aydınlar University Faculty of Medicine, Department of General Surgery, Hepato-Pancreato-Biliary Unit, Istanbul, Türkiye

• Assoc. Prof. MD. Habip Gedik

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Infectious Disease, Istanbul, Türkiye

• Assoc. Prof. MD. Hakan Güraslan

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Obstetric and Gynecology, Istanbul, Türkiye

• Prof. MD. Halil Alış

İstanbul Aydın University Faculty of Medicine, Department of General Surgery, Gastrointestinal Surgery Unit, Istanbul, Türkiye

• Assoc. Prof. MD. Halil Doğan

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Emergency Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Hatem Hakan Selçuk

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Radiology, Istanbul, Türkiye

• Assoc. Prof. MD. Hayat Kumbasar Karaosmanoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Infectious Disease, Istanbul, Türkiye

• Assoc. Prof. MD. Hülya Ertaşoğlu Toydemir

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Prof. MD. I. Öner Doğan

İstanbul University, İstanbul Faculty of Medicine, Department of Pathology, Istanbul, Türkiye

Assoc. Prof. MD. İbrahim Faruk Aktürk

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Cardiology, Istanbul, Türkiye

• Assoc. Prof. MD. İbrahim Sayın

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Otorhinolaryngology, Istanbul, Türkiye

• Prof. MD. İlgin Özden

İstanbul University, İstanbul Faculty of Medicine, Hepato-Pancreato-Biliary Surgery and Liver Transplantation Unit, Istanbul, Türkiye

• Assoc. Prof. MD. İlkay Çakır

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Prof. MD. İlker Seçkiner

Gaziantep University Faculty of Medicine, Department of Urology, Gaziantep, Türkiye

Prof. MD. İsa Özbey

Atatürk University Faculty of Medicine, Department of Urology, Erzurum, Türkiye

• Prof. MD. Kadriye Kart Yaşar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Infectious Disease, Istanbul, Türkiye

• Assoc. Prof. MD. Kamil Hakan Kaya

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Otorhinolaryngology, Istanbul, Türkiye

• Assoc. Prof. MD. Keziban Doğan

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Obstetric and Gynecology, Istanbul, Türkiye

• Assoc. Prof. MD. Levent Yaşar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Obstetric and Gynecology, Istanbul, Türkiye



• Assoc. Prof. MD. Mehmet Abdussamet Bozkurt

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General and Gastrointestinal Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Mehmet Bedir Akyol

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Cardiology, Istanbul, Türkiye

Assoc. Prof. MD. Mehmet Hurşitoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Mehmet Karabulut

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Prof. MD. Mehmet Soy

Altınbaş University Medical Park, Department of Rheumatology, Istanbul, Türkiye

• Prof. MD. Mehmet Yılmaz

Sani Konukoğlu Application and Research Hospital, Clinic of Hematology, Gaziantep, Türkiye

• Assoc. Prof. MD. Mehmet Yürüyen

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Meltem Vural

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Physical Therapy and Rehabilitation, Istanbul, Türkiye

• Assoc. Prof. MD. Meral Mert

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Prof. MD. Mert Murat Erkan

Koç University Faculty of Medicine, Department of General Surgery, Hepato-Pancreato-Biliary Surgery Unit, Istanbul, Türkiye

• Assoc. Prof. MD. Mesrur Selçuk Sılay

Memorial Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Metin Öztürk

University of Health Sciences Türkiye, Haydarpaşa Numune Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

Assoc. Prof. MD. Mualla Biçer Gençbay

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Physical Therapy and Rehabilitation, Istanbul, Türkiye

• Prof. MD. Murat Bozlu

Mersin University Faculty of Medicine, Department of Urology, Mersin, Türkiye

• Assoc. Prof. MD. Murat Çabalar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Assoc. Prof. MD. Murat Ekin

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Obstetric and Gynecology, Istanbul, Türkiye

• Assoc. Prof. MD. Murat Gönenç

Acıbadem Mehmet Ali Aydınlar University Faculty of Medicine, Department of General Surgery, Gastrointestinal Surgery Unit, Istanbul, Türkiye

• Assoc. Prof. MD. Musa Çırak

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Brain Surgery, Istanbul, Türkiye

Assoc. Prof. MD. Mustafa Gökhan Bilgili

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye

• Assoc. Prof. MD. Mustafa Suphi Elbistanlı

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Otorhinolaryngology, Istanbul, Türkiye

• Assoc. Prof. MD. Mürvet Yılmaz

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Necati Çitak

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Thorax Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Nevin Hatipoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Infection Disease, Istanbul, Türkiye

• Assoc. Prof. MD. Nihat Demirhan Demirkıran

Kütahya Health Sciences University, Department of Orthopaedics and Traumatology, Kütahya, Türkiye

• Assoc. Prof. MD. Nilgün Işıksaçan

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Biochemistry, Istanbul, Türkiye

• Prof. MD. Numan Görgülü

University of Health Sciences Türkiye, Bağcılar Training and Research Hospital, Clinic of Nephrology, Istanbul, Türkiye



About Us

Journal History

The Medical Journal of Bakırköy is the official scientific journal of the Dr. Sadi Konuk Training and Research Hospital. It covers subjects on general medicine, published only in English, and is independent, open-access, peer-reviewed periodical published quarterly in March, June, September and December since 2005.

Title: Medical Journal of Bakırköy Journal Abbreviation: Med J Bakirkoy

ISSN: 1305-9319 E-ISSN: 1305-9327

Free-of-Charge Publication

No fee is charged from the authors during the submission, evaluation and publication process. Journal practices, ethical rules, technical information and necessary forms are specified on the journal's web page.

The manuscripts must be submitted via the Manuscript Manager online article system, represented on the journal website.

Abstracting and Indexing

Web of Science – Emerging Sources Citation Index TUBITAK ULAKBIM TR Index

Scopus

EBSCO - Academic Search Complete

J-Gate

Embase

CINAHL Complete

ScopeMed

WorldCat

Infobase

Ulrich's Database

Ideal Online

Türkiye Atıf Dizini

Türk Medline

Copyright

The authors agree to transfer the copyright to the Dr. Sadi Konuk Training and Research Hospital when the article is accepted for publication.

The Medical Journal of Bakırköy is an open access publication, and the journal's publication model is based

on Budapest Open Access Initiative (BOAI) declaration. All published content is available online and free of charge at bakirkoymedj.org. The journal's content is licensed under a Creative Commons Attribution-NonCommercial (CC BY-NC-ND) 4.0 International License.

The copyright covers the exclusive and unlimited rights to reproduce and distribute the article in any form of reproduction (printing, electronic media or any other form); it also covers translation rights for all languages and countries.

After receiving and accept decision for publication, submissions must be accompanied by the "Copyright Transfer Statement". The form is available for download on the journal's manuscript submission and ealuation site. The copyright transfer form should be signed by all contributing authors and a scanned version of the wet signed document should be submitted.

Digital Archiving and Preservation Policy

Digital preservation is a set of processes and activities that ensure the retrieval and distribution of information now available in digital formats to guarantee long-term, perpetual access. The preservation policy includes the following measures:

Website Archiving

All of the electronic content (website, manuscript, etc.) is stored in three different sources. Content on a server is online and accessible to readers. A copy of the same content is preserved as a backup on other servers. Should a server fail, other resources can be brought online, and the website is expected to be available in 24-36 hours.

Abstracting/Indexing Services

Our journal's Abstracting/Indexing services store essential information about articles. In addition, some of Medical Journal of Bakırköy's Abstracting/Indexing services archive metadata about the article and electronic versions of the articles. In this way, copies of articles are presented to the scientific community through these systems as an alternative to journals.

Author Self-Archiving Policy

Authors are permitted and encouraged to post their articles on personal and institutional websites after publication (while providing full bibliographic details and a link to the original publication).



The Medical Journal of Bakırköy aims to to publish original research papers of the highest scientific and clinic value on general medicine. Additionally, educational material reviews on basic developments, short editorial notes and case reports are published.

The Medical Journal of Bakırköy encourages and enables academicians, researchers, specialists and primary care physicians to publish their valuable research in all branches of medicine.

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 conforms with the Principles of Transparency and Best Practice in Scholarly Publishing (doaj.org/bestpractice).

Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Author(s) and copyright owner(s) grant access to all users for the articles published in the The Medical Journal of Bakırköy as free of charge.

Open Access Policy is based on rules of Budapest Open Access Initiative (BOAI). By "open access" to [peer-reviewed research literature], we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.

All published content is available online, free of charge at bakirkoymedj.org.

Creative Commons

This Journal's content is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 (CC BY-NC-ND) International License.

CC BY-NC-ND: This license allows reusers to copy and distribute the material in any medium or format in unadapted form only, for non-commercial purposes only, and only so long as attribution is given to the creator.

CC BY-NC-ND includes the following elements:

BY - Credit must be given to the creator

NC - Only noncommercial uses of the work are permitted

ND – No derivatives or adaptations of the work are permitted

Advertising Policy

This journal's advertising sales and editorial processes are separated to ensure editorial independence and reduce the effects of financial interests.

Current or potential sponsors and advertisers do not affect editorial decisions in the journal. Advertisers and sponsors have no control or influence over the results of a user's website searches.

Advertisements should not be deceptive or misleading and must be verifiable. Excessive or exaggerated expressions does not be allowed.

If the text or image contains inappropriate or offensive content or is about personal, racial, ethnic, sexual orientation or religious content, these advertisements are not accepted.

Advertisers are responsible for ensuring that their advertisements comply with applicable laws regarding deceptive and/or offensive content and ethical issues.

Especially drug and medical product advertisements can be presented on the cover pages of the journal, separately from the published scientific content and without page number.

The published advertisements are pointed and distinguishable from the editorial content.

Material 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 Dr. Sadi Konuk Training and Research Hospital, editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

Permissions

Requests for permission to reproduce published material should be sent to the publisher.

Publisher: Galenos

Adress: Molla Gürani Mh. Kaçamak Sk. 21/1 Fındıkzade,

Fatih, Istanbul, Türkiye GSM: +90 530 177 30 97

Web page: http://www.galenos.com.tr

E-mail: info@galenos.com.tr



Ethical Policy

Peer-Review

Submission is considered on the conditions that papers are previously unpublished and are not offered simultaneously elsewhere; that authors have read and approved the content, and all authors have also declared all competing interests; and that the work complies with the ethical approval requirements and has been conducted under internationally accepted ethical standards. If ethical misconduct is suspected, the Editorial Board will act in accordance with the relevant international rules of publication ethics (i.e., COPE guidelines).

Editorial policies of the journal are conducted as stated in the rules recommended by the Council of Science Editors and reflected in the Uniform Requirements for Manuscripts Submitted to Biomedical Journals: Writing and Editing for Biomedical Publication. Accordingly, authors, reviewers, and editors are expected to adhere to the best practice guidelines on ethical behavior contained in this statement.

Submitted manuscripts are subjected to double-blinded peer-review. The scientific board guiding the selection of the papers to be published in the journal consists of elected specialists of the journal and, if necessary, selected from national and international experts in the relevant field of research. All manuscripts are reviewed by the editor, section associate editors, and at least two external expert reviewers.

Human and Animal Rights

For the experimental, clinical, and drug human studies, approval by the ethical committee and a statement on the adherence of the study protocol to the international agreements (World Medical Association of Helsinki "Ethical Principles for Medical Research Involving Human Subjects," amended October 2013) are required. In experimental animal studies, the authors should indicate that the procedures followed were by animal rights (Guide for the care and use of laboratory animals), and they should obtain animal ethics committee approval. The Ethics Committee approval document should be submitted to the Medical Journal of Bakırköy together with the manuscript.

The approval of the ethics committee; a statement on the adherence to international guidelines mentioned above; and proof that the patient's informed consent is obtained should be indicated in the `Material and Method` section. These items are required for case reports whenever data/media could reveal the identity of the patient.

For persons under 18 years of age, please provide a con-

sent form that includes both parents' signatures or of the person's legal guardian or supervisor.

Plagiarism and Ethical Misconduct

The Medical Journal of Bakırköy uses plagiarism screening service to verify the originality of content submitted before publication.

Plagiarism: To republish whole or part of a content in another author's publication without attribution.

Fabrication: To publish data and findings/results that do not exist.

Duplication: Using data from another publication; this includes republishing an article in different languages.

Salamisation: Creating multiple publications by abnormally splitting the results of a study.

Data Manipulation/Falsification: Manipulating or deliberately distorting research data to give a false impression.

We disapprove of such unethical practices and of efforts to influence the review process with such practices as gifting authorship, inappropriate acknowledgements, and references in line with the COPE flowcharts.

Submitted manuscripts are subjected to automatic software evaluation for plagiarism and duplicate publication. Authors are obliged to acknowledge if they published study results in whole or in part in the form of abstracts.

DUTIES OF PUBLISHER:

Handling of Unethical Publishing Behaviour

The publisher will take all appropriate measures to modify the article in question, in close cooperation with the editors, in cases of alleged or proven scientific misconduct, fraudulent publication, or plagiarism. This includes the prompt publication of an erratum, disclosure, or retraction of the affected work in the most severe case. Together with the editors, the publisher will take reasonable steps to detect and prevent the publication of articles in which research misconduct occurs and will under no circumstances promote or knowingly allow such abuse to occur.

Editorial Autonomy

The Medical Journal of Bakırköy is committed to ensuring the autonomy of editorial decisions without influence from commercial partners.

Intellectual Property and Copyright

The Medical Journal of Bakırköy protects the property



and copyright of the articles published in the journal and maintains each article's published version of the record. The journal provides the integrity and transparency of each published article.

Scientific Misconduct

The Medical Journal of Bakırköy's publisher takes all appropriate measures regarding fraudulent publication or plagiarism.

DUTIES OF EDITORS:

Decision on Publication and Responsibility

The editor of the journal strives to meet the needs of readers and authors, and to provide a fair and appropriate peer-review process. The editor is also responsible for deciding which articles submitted to the journal should be published and guided by the policies subjected to legal requirements regarding libel, copyright infringement, and plagiarism. The editor might discuss such policies, procedures, and responsibilities with reviewers while making publication decisions. The editor is responsible for the contents and overall quality of the publication.

Objectivity

Articles that are submitted to the journal are always evaluated without any prejudice.

Confidentiality

The editor must not disclose any information about a submitted article to anyone other than editorial staff, reviewers, and publisher.

Conflicts of Interest and Disclosure

The Medical Journal of Bakırköy does not allow any conflicts of interest among authors, reviewers, and editors. Unpublished materials in a submitted article must not be used by anyone without the express written assent of the author.

Fundamental Errors in Published Works

Authors are obliged to notify the journal's editors or publisher immediately and to cooperate with them to correct or retract the article if significant errors or inaccuracies are detected in the published work. If the editors or publisher learn from a third party that a published work contains a material error or inaccuracy, the authors must promptly correct or retract the article or provide the journal editors with evidence of the accuracy of the article.

DUTIES OF REVIEWERS:

Evaluation

Reviewers evaluate manuscripts without regard for the origin, gender, sexual orientation, or political philosophy of the authors. Reviewers also ensure a fair, blind peer review of the submitted manuscripts for evaluation.

Confidentiality

All the information relative to submitted articles is kept confidential. The reviewers must not be discussed with others except if authorized by the editor.

Disclosure and Conflict of Interest

The reviewers have no conflicts of interest among authors, funders, editors, etc.

Contribution to editor

Reviewers help the editor make publishing decisions and may also assist the author in improving the manuscript.

Objectivity

Reviewers offer objective judgments and evaluations. The reviewers express their views clearly with appropriate supporting arguments.

Acknowledgement of Sources

Reviewers ought to identify a relevant published study that the authors have not cited. Reviewers also call to the editor's attention any substantial similarity or overlap between the manuscript and any other published paper of which they have personal knowledge.

DUTIES OF AUTHORS:

Reporting Standards

A submitted manuscript should be original, and the authors ensure that the manuscript has never been published previously. Research data should be represented literally in the article. A manuscript should include adequate detail and references to allow others to replicate the study.

Originality

Authors must ensure that their study is entirely original. References to the literature should be appropriately cited.

Multiple Publications

Authors should not submit the same study to multiple journals. Simultaneous submission of the same study to



Ethical Policy

more than one journal is unacceptable and constitutes unethical behaviour.

Acknowledgement of Sources

Acknowledgement to the work of others must be given. Authors should cite publications of relevance to their own study. All of the sources for the author's study should be noted.

Authorship of a Paper

Authorship of a paper ought to be limited to those who have made a noteworthy contribution to the study. If others have participated in the research, they should be listed as contributors. Authorship also includes a corresponding author who is in communication with the editor of a journal. The corresponding author should ensure that all appropriate co-authors are included in a paper.

We expect the corresponding author to indicate the institution where the study is carried out as the institution address.

Disclosure and Conflicts of Interest

All sources of financial support should be disclosed. All authors should disclose if a meaningful conflict of interest exists in the process of forming their study. Any financial grants or other support received for a submitted study from individuals or institutions should be disclosed to the Editorial Board of the The Medical Journal of Bakırköy. The ICMJE Potential Conflict of Interest Disclosure Form should be filled in and submitted by all contributing authors to disclose a potential conflict of interest. The journal's Editorial Board determines cases of a potential conflict of interest of the editors, authors, or reviewers within the scope of COPE and ICMJE guidelines.

Conditions that provide financial or personal benefit bring about a conflict of interest. The reliability of the scientific process and the published articles is directly related to the objective consideration of conflicts of interest during the planning, implementation, writing, evaluation, editing, and publication of scientific studies.

Financial relations are the most easily identified conflicts of interest, and it is inevitable that they will undermine the credibility of the journal, the authors, and the science. These conflicts can be caused by individual relations, academic competition, or intellectual approaches. The authors should refrain as much as possible from making agreements with sponsors in the opinion of gaining profit or any other advantage that restrict their ability to access all data of the study or analyze, interpret, prepare, and publish their articles. Editors should refrain from bringing together those who may have any relationship between them during the evaluation of the studies. The editors, who make the final decision about the articles, should not have any personal, professional, or financial ties with any of the issues they are going to decide. Authors should inform the editorial board concerning potential conflicts of interest to ensure that their articles will be evaluated within the framework of ethical principles through an independent assessment process.

If one of the editors is an author in any manuscript, the editor is excluded from the manuscript evaluation process or a guest editor is assigned instead. In order to prevent any conflict of interest, the article evaluation process is carried out as double-blinded. Because of the double-blinded evaluation process, except for the Editor-in-Chief, none of the editorial board members, international advisory board members, or reviewers is informed about the authors of the manuscript or institutions of the authors.

Our publication team works devotedly to ensure that the evaluation process is conducted impartially, considering all these situations.

Conflict of Interest

The declaration of the conflict of interest between authors, institutions, acknowledgement of any financial or material support, aid is mandatory for authors submitting a manuscript, and the statement should appear at the end of the manuscript. Reviewers are required to report if any potential conflict of interest exists between the reviewer and authors, institutions.

Appeals and Complaints

Appeal and complaint cases are handled within the scope of COPE guidelines by the Editorial Board of the journal. Appeals should be based on the scientific content of the manuscript. The final decision on the appeal and complaint is made by Editor-in-Chief.



• Assoc. Prof. MD. Nuri Alper Şahbaz

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Oğuzhan Ekizoğlu

The University of Geneva Centre Universitaire Romand De Médecine Légale, Lousanne-Geneve, Switzerland

• Prof. MD. Oktar Asoğlu

Academia of Clinical Science of Boğaziçi, Department of Gastrointestinal Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Osman Köneş

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Özgül Salihoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neonatology, Istanbul, Türkiye

• Assoc. Prof. MD. Özlem Altuntaş Aydın

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Infectious Disease, Istanbul, Türkiye

• Assoc. Prof. MD. Rahim Horuz

Medipol University Faculty of Medicine, Department of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Ramadan Özmanevra

Girne University Faculty of Medicine, Department of Orthopaedics and Traumatology, Kyrenia, TRNC

• Assoc. Prof. MD. Sadık Sami Hatipoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatrics, Istanbul, Türkiye

• Assoc. Prof. MD. Saygın Türkyılmaz

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Cardiovascular Surgery, İstanbul, Türkiye

• Assoc. Prof. MD. Sebahat Tülpar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pediatric Nephrology, Istanbul, Türkiye

• Assoc. Prof. MD. Selçuk Şahin

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Selda Çelik

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Sema Ciftci Doğansen

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Medicine, Istanbul, Türkiye

• Assoc. Prof. MD. Serdar Altınay

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Pathology, Istanbul, Türkiye

• Assoc. Prof. MD. Serdar Hakan Başaran

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Türkiye

• Assoc. Prof. MD. Serkan İpek

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Sibel Çağlar

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Physical Therapy and Rehabilitation, Istanbul, Türkiye

• Assoc. Prof. MD. Sinan Levent Kireçci

University of Health Sciences Türkiye, Şişli Hamidiye Etfal Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Süheyla Apaydın

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Nephrology, Istanbul, Türkiye

• Assoc. Prof. MD. Tayfun Oktar

İstanbul University, İstanbul Faculty of Medicine, Department of Urology, Istanbul, Türkiye

• Assoc. Prof. MD. Timuçin Taner

Mayo Clinic, Surgical Director, Liver Transplantation, and Hepato-Pancreato-Biliary Surgery Minnesota, USA

• Assoc. Prof. MD. Turgut Dönmez

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, Istanbul, Türkiye

• Assoc. Prof. MD. Tzevat Tevfik

İstanbul University, İstanbul Faculty of Medicine, Department of Urology, Istanbul, Türkiye

• Prof. MD. Vildan Ayşe Yayla

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Prof. MD. Volkan Tuğcu

Memorial Hospital, Clinic of Urology, Istanbul, Türkiye



• Assoc. Prof. MD. Yavuz Altunkaynak

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Neurology, Istanbul, Türkiye

• Exp. Dr. Yavuz Onur Danacıoğlu

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Urology, Istanbul, Türkiye

• Prof. MD. Yeşim Erbil

Private Office, Endocrine Surgery, Istanbul, Türkiye

• Prof. MD. Yüksel Altuntas

University of Health Sciences Türkiye, Şişli Hamidiye Etfal Training and Research Hospital, Clinic of Endocrinology, Istanbul, Türkiye

• Prof. MD. Yusuf Özlem İlbey

University of Health Sciences Türkiye, İzmir Tepecik Training and Research Hospital, Clinic of Urology, Izmir, Türkiye

• Assoc. Prof. MD. Zafer Gökhan Gürbüz

University of Health Sciences Türkiye, Adana City Training and Research Hospital, Clinic of Urology, Adana, Türkiye

• Assoc. Prof. MD. Zahide Mine Yazıcı

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Otorhinolaryngology, Istanbul, Türkiye

• Prof. MD. Zeynel Abidin Öztürk

Gaziantep University Şahinbey Research and Practice Hospital, Clinic of Geriatrics, Gaziantep, Türkiye

• Assoc. Prof. MD. Zeynep Çizmeci

University of Health Sciences Türkiye, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Microbiology, Istanbul, Türkiye



Contents

Researches

- 236 Prognosis of Childhood Atopic Asthma: A 6-year Follow-up Study
 - Cocukluk Cağı Alerjik Astım Prognozu: 6 Yıllık Bir Klinik İzlem Calışması
 - Semiha Bahçeci Erdem, Hikmet Tekin Nacaroğlu, Ömer Akçal; İzmir, İstanbul, Türkiye
- 242 Assessment of Carotid-vertebral Artery and Renal Artery Doppler Ultrasound in the Behcet's **Disease with Cutaneous Lesions**

Kutanöz Lezyonları Bulunan Behçet Olgularında Karotis-vertebral Arter ve Renal Arter Doppler Ultrasonografi Bulgularının Değerlendirilmesi

İsmail Yurtsever; İstanbul, Türkiye

248 Investigation of the Effects of Juglone-Selenium Treatments on Epithelial-Mesenchimal Transition and Migration in BxPC-3 and PANC-1 Human Pancreatic Cancer Cells

Jualon-selenvum Uvqulamalarının BxPC-3 ve PANC-1 İnsan Pankreatik Kanser Hücrelerinde Epitelyalmezenkimal Geçiş ve Migrasyon Üzerindeki Etkilerinin Araştırılması Dudu Erkoc Kava, Fatma Göktürk, Fatma Batırbek, Hilal Arıkoğlu; Konva, Türkive

- 256 Differentiating Renal Cell Carcinoma and Minimal Fat Angiomyolipoma with Volumetric MRI **Histogram Analysis**

Renal Hücreli Karsinom ve Minimal Yağ Anjiyomiyolipomunun Volümetrik MRG Histogram Analizi ile Ayrımı Özlem Akıncı, Furkan Türkoğlu, Mustafa Orhan Nalbant, Ercan İnci; İstanbul, Türkiye

263 Microendoscopic Discectomy for Lumbar Disc Herniations: A Series of 389 Cases

Lomber Disk Herniasyonlarında Mikroendoskopik Diskektomi Yöntemi: 389 Olgu Serisi Bülent Bozyiğit, Bilal Abbasoğlu, Caner Ünlüer, Göktuğ Ülkü, Abdullah Emre Taçyıldız, Hüseyin Hayri Kertmen; Ankara, Malatya, Türkiye

Biologic Therapies in Juvenile Idiopathic Arthritis 269

Jüvenil İdiyopatik Artritte Biyolojik Tedaviler

- Ayşe Tanatar, Nuray Aktay Ayaz; İstanbul, Türkiye
- 276 Evaluation of Exenatide Versus Insulin Glargine Treatment's Impact on Brown Adipose Tissue Markers and Epicardial Adipose Tissue

Eksenatid ve İnsülin Glargin Tedavisinin Kahverengi Yağ Doku Belirteçleri ve Epikardiyal Yağ Doku Üzerine Etkisinin Karşılaştırmalı Olarak Değerlendirilmesi

Özlem Zeynep Akyay, Alev Selek, İlhan Tarkun, Tayfun Şahin, Zeynep Cantürk, Berrin Çetinarslan, Yağmur Çakmak, Canan Baydemir; Şanlıurfa, Kocaeli, Türkiye

283 Examining Biomarker Levels in Patients Diagnosed with Multiple Sclerosis

Multiple Skleroz Tanılı Hastalarda Biomarker Düzeylerinin İncelenmesi

İbrahim Acır, Abbas Musa Yılmaz, Alperen Güngör, Yusuf Çevik, Esra Derya Dinç Polat, Vildan Yayla; İstanbul, Türkiye

- 287 Evaluation of Ventilator-associated Pneumonia Approaches in Pediatric Intensive Care Units in Türkiye Türkiye'de Çocuk Yoğun Bakım Ünitelerinde Ventilatör İlişkili Pnömoni Yaklaşımlarının Değerlendirilmesi
 - Murat Tanyıldız, Furkan Yavuz, Karya Şenköylü, Ömer Özden, Dinçer Yıldızdaş; İstanbul, Adana, Türkiye
- 296 Evaluation of Adult Patients with Childhood-onset Chronic Disease Admitted to the Intensive Care Unit Yoğun Bakım Ünitesine Başvuran Çocukluk Çağı Başlangıçlı Kronik Hastalığı Olan Erişkin Hastaların Değerlendirilmesi

Gülbahar Çalışkan, Ayça Sayan, Halil Erkan Sayan, Nermin Kelebek Girgin; Bursa, Türkiye



Contents

302 Evaluation of Nosocomial Infections in a Tertiary Pediatric Intensive Care Unit
Üçüncü Basamak Bir Pediatrik Yoğun Bakım Ünitesinde Nozokomiyal Enfeksiyonların Değerlendirilmesi

Cansu Durak, Ebru Güney Şahin, Yaşar Yusuf Can, Alican Sarısaltık, Kübra Boydağ Güvenç, Fatih Varol; Istanbul, Kocaeli, Türkiye

308 Appropriateness of the Empirical Antibiotherapy Choices of Primary Care Physicians for the Treatment of Uncomplicated Cystitis

Komplike Olmayan Sistit Tedavisinde Birinci Basamak Hekimlerinin Ampirik Antibiyoterapi Seçimlerinin Uygunluğu

Hakan Polat, Deniz Noyan Özlü; İstanbul, Türkiye

314 Evaluation of the Effectiveness of Transversus Abdominis Plane Block and Transversalis Fascia Plane Block in Postoperative Analgesia in Pediatric Patients Undergoing Lower Abdominal and Genitourinary Surgery: A Retrospective Study

Alt Abdominal ve Genitoüriner Cerrahi Geçiren Pediatrik Hastalarda Postoperatif Analjezide Transversus Abdominis Plane Bloğu ve Transversalis Fascia Plane Bloğunun Etkinliğinin Değerlendirilmesi: Retrospektif Çalışma

Necmiye Ay, Duygu Akyol, Funda Gümüş Özcan; İstanbul, Türkiye

- Transforaminal Epidural Injections in Neurosurgical Clinical Practice: A Single Surgeon's Experience Nöroşirürji Klinik Pratiğinde Transforaminal Epidural Enjeksiyon Uygulamaları; Tek Cerrah Deneyimi Eylem Burcu Kahraman Özlü; İstanbul, Türkiye
- Adolescent Idiopathic Scoliosis Surgery Decision Making with Fuzzy Model Adölesan İdiyopatik Skolyoz Cerrahisi Kararında Bulanık Model Kullanımı Gürkan Berikol, Uzay Erdoğan; İstanbul, Türkiye
- 328 Results of Microsurgical Clipping of Anterior Circulation Aneurysms Secondary to Subarachnoid Hemorrhage: 107 Cases

Subaraknoid Kanama ile Prezente Anterior Sistem Anevrizmalarının Mikrocerrahi Klipleme Cerrahi Sonuçları: 107 Olgu

Buruç Erkan, Ebubekir Akpınar, Yusuf Kılıç, Suat Demir, Ozan Barut, Ozan Haşimoğlu, Fahir Şencan, Lütfi Şinasi Postalcı; İstanbul, Türkiye

- 339 Diagnostic Approach to Pulmonary Embolism in Patients with COVID-19 Pneumonia: A Single-center Study
 - COVİD-19 Pnömonili Hastalarda Pulmoner Emboliye Tanısal Yaklaşım: Tek Merkezli Bir Çalışma Işil Kibar Akıllı, Müge Bilge; İstanbul, Türkiye