

ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 4 | Volume: 17 | Year: 2021

MEDICAL JOURNAL OF BAKIRKÖY



ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 4 | Volume: 17 | Year: 2021

MEDICAL JOURNAL OF BAKIRKÖY

Medical Journal of Bakirköy of is an official scientific Journal of University of Health Sciense Turkey, 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 ULAKBİM 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 Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital

Editor-in Chief

Prof. MD. Esra Şevketoğlu

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

Editorial Assistants

Assoc. Prof. MD. Altuğ Duramaz

University of Health Sciences Turkey, Bakırköy MD. Sadi Konuk Training and Research Hospital, Clinic of Orthopaedics and Traumatology, Istanbul, Turkey ORCID ID: 0000-0002-5012-2079

E-mail: altug.duramaz@yahoo.com

Assoc. Prof. MD. Esra Deniz Papatva Cakır

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

Assoc. Prof. Sema Çiftçi Doğanşen

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

Assoc. Prof. Zafer Çukurova

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

Language Editors

ENAGO Statistics Editors

Emire Bor

Administrative Office

mail: info@bakirkoytip.org

University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital Tevfik Sağlam Cad. No: 11 Zuhuratbaba İstanbul - Turkey Tel: +90 212 414 71 59 / 90 212 241 68 20



Galenos Publishing House Owner and Publisher

Derya Mor Erkan Mor

Publication Coordinator Burak Sever

Web Coordinators Fuat Hocalar

Turgay Akpınar **Graphics Department** Ayda Alaca Çiğdem Birinci

Gülşah Özgül Finance Coordinator Sevinç Çakmak **Project Coordinators**

Aysel Balta Duygu Yildırm Gamze Aksoy Gülay Akın Hatice Sever Melike Eren Meltem Acar Özlem Çelik Çekil Pınar Akpınar Rabia Palazoğlu

Research&Development Nihan Karamanlı Melisa Yiğitoğlu

Digital Marketing Specialist Seher Altundemir

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 Date: December 2021 ISSN: 1305-9319 E-ISSN: 1305-9327 International scientific journal published quarterly.



• Prof. MD. Gökhan Tolga Adas

University of Health Sciences Faculty of Medicine, Department of General Surgery, Division of Hepato-Pancreato-Biliary Surgery, İstanbul, Turkey

• Prof. MD. Halil Alış

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

• Prof. MD. Fatih Altunren

Okmeydanı Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Prof. MD. Yüksel Altuntaş

Şişli Hamidiye Pediatric Training and Research Hospital, Clinic of Endocrinology, Istanbul, Turkey

• Prof. MD. Süheyla Apaydın

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

• Prof. MD. Oktar Asoğlu

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

• Prof. MD. Ali Atan

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

• Prof. MD. Ali Fuat Atmaca

Memorial Hospital, Clinic of Urology, Ankara, Ankara, Turkey

• Prof. MD. Ali Orhan Bilge

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

• Prof. MD. Murat Bozlu

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

• Prof. MD. Erdal Birol Bostancı

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

• Prof. MD. Güralp Onur Ceyhan

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

• Prof. MD. Erdoğan Çetinkaya

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

• Prof. MD. I. Öner Doğan

istanbul University Faculty of Medicine, Department of Pathology, Istanbul, Turkey

• Prof. MD. Yeşim Erbil

Private Office, Endocrine Surgery, Istanbul, Turkey

• Prof. MD. Mert Murat Erkan

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

• Prof. MD. Bülent Erol

Florence Nightingale Hospital, Istanbul, Turkey

• Prof. MD. Adem Fazlıoğlu

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

• Prof. MD. Numan Görgülü

Bağcılar Training and Research Hospital, Clinic of Nephrology, Istanbul, Turkey

• Prof. MD. Cenk Gürbüz

University of Beykoz, Istanbul, Turkey

• Prof. MD. Abdul Cem İbiş

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

• Prof. MD. Yusuf Özlem İlbey

İzmir Tepecik Training and Research Hospital, Clinic of Urology, Izmir, Turkey

Prof. MD. Abdurrahim İmamoğlu

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

• Prof. MD. Ercan İnci

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

• Prof. MD. Kadriye Kart Yaşar

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

• Prof. MD. Abdulbaki Kumbasar

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

• Prof. MD. Cemal Kural

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

• Prof. MD. Eyüp Veli Küçük

Ümraniye Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Prof. MD. Ahmet Yaser Müslümoğlu

Bağcılar Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Prof. MD. Fatma Oğuz Sarvan

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

• Prof. MD. Mehmet Soy

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



• Prof. MD. Ali İhsan Taşçı

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

• Prof. MD. Fatih Tunca

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

• Prof. MD. Ahmet Rahmi Onur

Firat University Faculty of Medicine, Department of Urology, Elazig, Turkey

• Prof. MD. İsa Özbey

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

• Prof. MD. Ali Özdemir

İstanbul Fatih Sultan Training and Research Hospital, Division of General Internal Medicine, Istanbul, Turkey

• Prof. MD. Enver Özdemir

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

• Prof. MD. İlgin Özden

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

• Prof. MD. Zeynel Abidin Öztürk

Şahinbey Research Hospital, Clinic of Geriatrics, Gaziantep, Turkey

• Prof. MD. İlker Seçkiner

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

• Prof. MD. Atilla Semerciöz

Bağcılar Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Prof. MD. Altan Sencer

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

• Prof. MD. Aliye Soylu

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

• Prof. MD. Esra Şevketoğlu

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

• Prof. MD. Volkan Tuğcu

Memorial Hospital, Clinic of Urology, Istanbul, Turkey

• Assoc. Prof. Saygın Türkyılmaz

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

• Prof. MD. Ayhan Verit

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

• Prof. MD. Vildan Ayşe Yayla

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

• Prof. MD. Asıf Yıldırım

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

• Prof. MD. Mehmet Yılmaz

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

• Assoc. Prof. Zafer Çukurova

University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Anestesiology and Reanimation, İstanbul, Turkey

Assoc. Prof. Asuman Gedikbaşı

İstanbul University, İstanbul Medical Faculty, Department of Genetics and Biochemistry, İstanbul, Turkey

• Assoc. Prof. MD. Cevher Akarsu

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

• Assoc. Prof. MD. İbrahim Faruk Aktürk

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

• Assoc. Prof. MD. Mehmet Bedir Akyol

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

• Assoc. Prof. MD. Serdar Altınay

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

• Assoc. Prof. MD. Yavuz Altunkaynak

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

• Assoc. Prof. MD. Özlem Altuntaş Aydın

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

• Assoc. Prof. MD. Feyzi Arda Atar

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



• Assoc. Prof. MD. Esra Ataoğlu

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

• Assoc. Prof. MD. Gökhan Atış

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

• Assoc. Prof. MD. Serdar Hakan Başaran

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

• Assoc. Prof. MD. Cemal Bes

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

• Assoc. Prof. MD. Mualla Biçer Gençbay

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

• Assoc. Prof. MD. Mustafa Gökhan Bilgili

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

• Assoc. Prof. MD. Mehmet Abdussamet Bozkurt

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

• Assoc. Prof. MD. Murat Çabalar

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

• Assoc. Prof. MD. Sibel Çağlar

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

Assoc. Prof. MD. İlkay Çakır

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

• Assoc. Prof. MD. Selda Çelik

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

• Assoc. Prof. MD. Necati Çitak

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

• Assoc. Prof. MD. Zeynep Çizmeci

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

• Assoc. Prof. MD. Zafer Çukurova

University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of Anesthesiology and Reanimation, Istanbul, Turkey

• Assoc. Prof. MD. Halil Doğan

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

• Assoc. Prof. MD. Sema Çiftçi Doğanşen

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

• Exp. Dr. Yavuz Onur Danacıoğlu

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

• Assoc. Prof. MD. Nihat Demirhan Demirkıran

Kütahya Health Sciences, Department of Orthopaedics and Traumatology, Kütahya, Turkey

• Assoc. Prof. MD. Göksel Dikmen

Acıbadem University, Department of Orthopaedics and Traumatology, İstanbul, Turkey

• Assoc. Prof. MD. Ahmet Cem Dural

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

• Assoc. Prof. MD. Altuğ Duramaz

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

• Assoc. Prof. MD. Keziban Doğan

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

• Assoc. Prof. MD. Turgut Dönmez

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

• Assoc. Prof. MD. Mustafa Suphi Elbistanlı

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



• Assoc. Prof. MD. Murat Ekin

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

• Assoc. Prof. MD. Oğuzhan Ekizoğlu

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

• Assoc. Prof. MD. Gökmen Umut Erdem

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

• Assoc. Prof. MD. Ersin Erçin

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

• Assoc. Prof. MD. Hülya Ertaşoğlu Toydemir

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

• Assoc. Prof. MD. Habip Gedik

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

• Assoc. Prof. MD. Asuman Gedikbaşı

İstanbul University Institute of Child Health, Department of Pediatric Basic Science, Medical Genetics, Istanbul, Turkey

• Assoc. Prof. MD. Murat Gönenc

Acıbadem Mehmet Ali Aydınlar University, Faculty of Medicine, Department of General Surgery, Gastrointestinal Surgery Unit, İstanbul, Turkey

• Assoc. Prof. MD. Günay Gül

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

• Assoc. Prof. MD. Hakan Güraslan

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

• Assoc. Prof. MD. Zafer Gökhan Gürbüz

Adana City Hospital, Clinic of Urology, Adana, Turkey

• Assoc. Prof. MD. Nevin Hatipoğlu

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

• Assoc. Prof. MD. Sadık Sami Hatipoğlu

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

• Assoc. Prof. MD. Fehmi Hindilerden

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

• Assoc. Prof. MD. Elif Hocaoğlu

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

• Assoc. Prof. MD. Mehmet Hurşitoğlu

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

• Assoc. Prof. MD. Rahim Horuz

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

Assoc. Prof. MD. Nilgün Işıksaçan

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

• Assoc. Prof. MD. Serkan İpek

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

• Assoc. Prof. MD. Batuhan Kara

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

• Assoc. Prof. MD. Mehmet Karabulut

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

• Assoc. Prof. MD. Didem Karaçetin

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

• Assoc. Prof. MD. Ali Aycan Kavala

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

• Assoc. Prof. MD. Cihan Kaya

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

• Assoc. Prof. MD. Kamil Hakan Kaya

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



• Assoc. Prof. MD. Ciğdem Kekik

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

• Assoc. Prof. MD. Sinan Levent Kireçci

Şişli Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Assoc. Prof. MD. Osman Könes

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

• Assoc. Prof. MD. Hayat Kumbasar Karaosmanoğlu

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

• Assoc. Prof. MD. Alev Kural

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

• Assoc. Prof. MD. Burçe Can Kuru

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

• Assoc. Prof. MD. Meral Mert

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

• Assoc. Prof. MD. Tayfun Oktar

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

• Assoc. Prof. MD. Alper Ötünçtemur

Okmeydanı Training and Research Hospital, Clinic of Urology, Istanbul, Turkey

• Assoc. Prof. MD. Ramadan Özmanevra

Girne Universty, Department of Orthopaedics and Traumatology, Kyrenia, TRNC

• Assoc. Prof. MD. Metin Öztürk

Haydarpaşa Numune Hospital, Clinic of Urology, Istanbul, Turkey

• Assoc. Prof. MD. Figen Palabıyık

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

• Assoc. Prof. MD. Berkan Reşörlü

Memorial Ankara Hospital, Clinic of Urology, Ankara, Turkey

• Assoc. Prof. MD. Damlanur Sakız

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

• Assoc. Prof. MD. Özgül Salihoğlu

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

• Assoc. Prof. MD. İbrahim Sayın

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

• Assoc. Prof. MD. Gökmen Sevindik

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

• Assoc. Prof. MD. Hatem Hakan Selçuk

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

• Assoc. Prof. MD. Mesrur Selçuk Sılay

Memorial Hospital, Clinic of Urology, Istanbul, Turkey

• Assoc. Prof. MD. Nuri Alper Şahbaz

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

• Assoc. Prof. MD. Selçuk Şahin

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

• Assoc. Prof. MD. Aysu Şen

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

• Assoc. Prof. MD. Ebru Şen

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

• Assoc. Prof. MD. Timuçin Taner

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

• Assoc. Prof. MD. Tzevat Tevfik

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

• Assoc. Prof. MD. Deniz Tural

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

• Assoc. Prof. MD. Fatma Nihan Turhan Çağlar

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



• Assoc. Prof. MD. Sebahat Tülpar

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

• Assoc. Prof. MD. Saygın Türkyılmaz

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

• Assoc. Prof. MD. Meltem Vural

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

• Assoc. Prof. MD. Levent Yaşar

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

• Assoc. Prof. MD. Fatih Yanaral

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

• Assoc. Prof. MD. Zahide Mine Yazıcı

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

• Assoc. Prof. MD. Emre Yıldırım

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

• Assoc. Prof. MD. Mürvet Yılmaz

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

• Assoc. Prof. MD. Fadime Ulviye Yiğit

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

• Assoc. Prof. MD. Emrah Yürük

Bağcılar Training and Research Hospital, Clinic of Urology Istanbul, Turkey

• Assoc. Prof. MD. Mehmet Yürüyen

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



Contents

Research

- The Influence of Human Leukocyte Antigens in Graft Versus Host Disease and Survival After Hematopoietic Stem Cell Transplantation in Pediatric Patients with Leukemia
 - Lösemili Pediyatrik Hastalarda Hematopoetik Kök Hücre Transplantasyonu Sonrası Graft Versus Host Hastalığı ve Sağkalımda İnsan Lökosit Antijenlerinin Etkisi
 - Kürşat Özdilli, Fatma Savran Oğuz, Sema Anak, Yeliz Öğret, Hayriye Şentürk Çiftçi, Rüştü Oğuz, Mahmut Carin
- The Effects of Postpartum Education in Primipara Mothers on Their Readiness for Hospital Discharge and Maternal Self-confidence
 - Primipar Annelere Verilen Postpartum Eğitimin Taburculuğa Hazır Oluşluk Düzeyi ile Annelik Özgüvenine Etkisi
 - Betül Sönmez, Rojjin Mamuk
- 293 The Effect of Grape Seed Extract on the Pancreatic Weight in Diabetic Rats
 - Diyabetik Sıçanlarda Üzüm Çekirdeği Ekstresinin Pankreas Ağırlığına Etkisi
 - Elif Gülbahçe Mutlu, Emine Arslan, Hilal Arıkoğlu, Salih Varol
- 298 Trendelenburg Lithotomy Position During Vaginoscopic Office Hysteroscopy Reduces Pain and Procedure Duration
 - Trendelenburg Litotomi Pozisyonu Vajinoskopik Ofis Histeroskopide Ağrıyı ve İşlem Süresini Azaltır Fatma Ketenci Gencer, Semra Yüksel, Serkan Kumbasar, Bülent Babaoğlu, Berker Kavsi, Süleyman Salman
- Retrospective Evaluation of Hospitalized Patients Treated with Pleural Drainage Due to Pleural Effusion
 - Hastanede Yatırılarak Tedavi Edilmiş ve Plevral Effüzyon Nedeniyle Plevral Drenaj Uygulanmış Hastaların Retrospektif Olarak Değerlendirilmesi
 - Servet Özdemir, Faruk Karandere, Necati Çıtak, Mustafa Özer Ulukan, Abdulbaki Kumbasar
- 312 Management Strategies for Acute Cholecystitis: Is the Timing of Surgery Important?
 - Akut Kolesistit için Tedavi Stratejileri: Cerrahi Zamanlamasının Bir Önemi Var Mıdır?
 - Özgür Ekinci, Tunç Eren, Aman Gapbarov, Damla Beyazadam, Nurgül Bulut, Metin Leblebici, Orhan Alimoğlu
- 320 Treatment Outcomes in Hairy Cell Leukemia: Data of Patients in a Tertiary Referral Hospital in Turkey for Over 20 Years
 - Tüylü Hücreli Lösemide Tedavi Sonuçları: Türkiye'deki Üçüncü Basamak Bir Hastanede 20 Yıldan Fazla Hastaya Ait Veriler
 - Esma Evrim Doğan, Naciye Demirel, Esra Turan Erkek, Demet Aydın, İlknur Mansuroğlu, Melda Cömert Özkan,
- 327 Correlation Between Computerized Tomography Findings and DeMeester Score and Esophagogastroduodenoscopy Findings in Patients with GERD-like Symptoms
 - GERH Benzeri Semptomları Olan Hastalarda Bilgisayarlı Tomografi Bulguları ile DeMeester Skoru ve Özofagogastroduodenoskopi Bulguları Arasındaki İlişki
 - Hakan Yirgin, İnci Kızıldağ Yirgin, Süleyman Sönmez



Contents

- The Relationship Between Prognostic and Organ Failure Scoring Systems Such as APACHE II, SAPS II, MODS, SOFA and GCS and Quantitative Amino Acid Levels in Intensive Care Unit Patients Yoğun Bakım Ünitesindeki Hastalarda APACHE II, SAPS II, MODS, SOFA ve GKS gibi Prognostik ve Organ Yetmezliği Skorlama Sistemleri ile Serum Amino Asit Düzeyleri Arasındaki İlişki Sema Uçak Basat, Rıdvan Sivritepe, Okcan Basat, Arzu Baygül, Aydın Duygu, Pınar Eker, Kamil Özdil
- 343 Examination of Maternal-based Familial Factors in Malnourished Pediatric Patients Without Illness-Dependent Cause: A Single-center Case-control Study

 Hastalığa Bağlı Nedeni Olmayan Malnütrisyonlu Pediatrik Hastalarda Anne Kaynaklı Ailesel Faktörlerin İncelenmesi: Tek Merkezli Olgu Kontrol Çalışması

 Melike Ersoy, Sena Saygılı Ok, Semra Yılmaz, Tuğçe Çetin
- Percutaneous Cholecystostomy as a Step or Final Treatment for Acute Cholecystitis
 Akut Kolesistit Tedavisinde Perkütan Kolesistostomi Bir Basamak Mı? Yoksa Nihai Bir Tedavi Mi?
 Alpen Yahya Gümüşoğlu, Hamit Ahmet Kabuli, Aysun Erbahçeci Salık, Çağlayan Çakır, Seymur Abdullayev, Kıvanç
 Derya Peker, Mehmet Karabulut, Gökhan Tolqa Adaş
- Prognostic Performance of the CALL Score in Hospitalized Patients with COVID-19 Pneumonia COVID-19 Pnömonisi Tanısı ile Yatarak Tedavi Gören Hastalarda CALL Skorun Prognostik Performansı Işıl Kibar Akıllı, Müge Bilge
- Are Platelet-related Parameters Predictive of the Prognosis of Hodgkin's Lymphoma?

 Hodgkin Lenfoma Prognozunda Platelet İlişkili Parameterler Prediktif Midir?

 Aydan Akdeniz, Özgür Mehtap, Volkan Karakuş, Serkan Ünal, Kemal Aygün, Gülhan Örekici Temel, Anıl Tombak, Eyüp Naci Tiftik
- Psychosocial Adjustment of Healthcare Professionals During the Coronavirus Disease-2019
 Pandemic: Resident Doctors, Nurses, and Caregivers Need Extra Attention
 Sağlık Çalışanlarının COVID-19 Pandemi Sürecindeki Psikososyal Uyumları: Asistan Doktorlar,
 Hemşireler ve Hasta Bakıcıların Ekstra İlgiye İhtiyacı Var
 Fatma Akyüz Karacan, Semra Yılmaz, İsmet Kırpınar
- Association of TG/HDL Ratio with Cardiovascular Mortality in Patients Who are on Hemodialysis
 Hemodiyalize Giren Son Dönem Böbrek Yetersizliği Hastalarında TG/HDL Oranı ile Kardiyovasküler
 Ölüm Arasındaki İlişki
 Umut Karabulut, Gülay Yılmaz
- The Effect of Body Mass Index on the Mortality of Patients Followed up in the Intensive Care Unit with COVID-19 Diagnosis

Yoğun Bakım Ünitesinde COVID-19 Tanısı ile Takip Edilen Hastalarda Beden Kitle İndeksinin Mortaliteye Etkisi

Duygu Akyol, Rabia Yılmaz, Nalan Saygı Emir

400 Satisfaction, Perspective, and Attitude Toward E-learning among Emergency Medicine Physicians
Acil Tıp Hekimlerinin E-öğrenmeye Yönelik Memnuniyetleri, Bakış Açıları ve Tutumları
Göksu Bozdereli Berikol, Buğra İlhan, Halil Doğan



Contents

Digit Ratio (Ratio of Second and Fourth Digit Lengths) in Turkish Male Patients with Myocardial Infarction

Miyokard Enfarktüsü Geçiren Türk Erkek Hastalarda İkinci ve Dördüncü Parmak Oranının Değerlendirilmesi Fatma Nihan Turhan Çağlar, Cennet Yıldız, Ece Çelebi Coşkun

The Comparison of Intraoperative Pressure Control and Volume Control Ventilation in Supine and Prone Positions: The Endless Debate

İntraoperatif Mekanik Ventilasyonda Supine ve Prone Pozisyonlarda Basınç Kontrol ile Volüm Kontrol Modlarının Karşılaştırılması: Bitmeyen Tartışma, PCV mi? VCV mi?

Sinan Aşar, Furkan Tontu, Gülay Aşık Eren

420 Evaluation of S100B Protein in Patients with Schizophrenia with Seropositive and Seronegative Toxoplasma

Toxoplasma Seropozitif ve Seronegatif Şizofreni Hastalarında S100B Proteininin Değerlendirilmesi Mustafa N. Namlı, Nuran Karabulut, Hakan Ayyıldız

Evaluation of Brain Death in Children in a Tertiary Pediatric Intensive Care UnitÜçüncü Basamak Pediatrik Yoğun Bakım Ünitesindeki Çocuklarda Beyin Ölümünün Değerlendirilmesi
Süleyman Bayraktar, Bilge Tanyeri-Bayraktar, Murat Elevli

Case Report

Intrahospital Transport of a Critically III Patient on Extracorporeal Membrane Oxygenation Support with Severe Acute Respiratory Distress Syndrome due to COVID-19

COVID-19'a Bağlı Ağır Akut Solunum Sıkıntısı Sendromlu Ekstrakorporeal Membran Oksijenasyon Desteğindeki Kritik Bir Hastanın Hastane İçi Transferi

Gülsüm Oya Hergünsel, Ayten Güreşçi Zeydan, Canan Kandemir, Berna Irmak Eser, Dilek Altun

Index

2021 Hakem İndeksi - 2021 Referee Index

2021 Yazar İndeksi - 2021 Author Index

2021 Konu İndeksi - 2021 Subject Index