

ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 2 | Volume: 17 | Year: 2021

# MEDICAL JOURNAL OF BAKIRKÖY



ISSN: 1305-9319 | e-ISSN: 1305-9327 | Number: 2 | 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. Dr. 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 caglaes@yahoo.com

# **Editorial Assistants**

# Assoc. Prof. Ahmet Cem Dural

University of Health Sciences Turkey, Bakırköy Dr. Sadi Konuk Training and Research Hospital, Clinic of General Surgery, İstanbul, Turkey 0000-0003-3479-725X cemdural@hotmail.com

# Assoc. Prof. Dr. Esra Deniz Papatya 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

#### **Language Editors**

**ENAGO** 

**Statistics Editors** 

**Emire Bor** 

# **Administrative Office**

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

mail: info@bakirkoytip.org



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 Yıldırm 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: Haziran 2021

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



#### • Prof. Dr. Gökhan Tolga Adas

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

# • Prof. Dr. Halil Alış

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

#### • Prof. Dr. Fatih Altunren

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

# • Prof. Dr. Yüksel Altuntaş

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

#### • Prof. Dr. Süheyla Apaydın

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

# • Prof. Dr. Oktar Asoğlu

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

#### • Prof. Dr. Ali Atan

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

#### • Prof. Dr. Ali Fuat Atmaca

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

#### • Prof. Dr. Ali Orhan Bilge

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

#### • Prof. Dr. Murat Bozlu

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

# • Prof. Dr. Erdal Birol Bostancı

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

# • Prof. Dr. Güralp Onur Ceyhan

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

#### • Prof. Dr. Erdoğan Çetinkaya

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

# • Prof. Dr. I. Öner Doğan

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

#### • Prof. Dr. Yesim Erbil

Private Office, Endocrine Surgery, Istanbul, Turkey

#### • Prof. Dr. Mert Murat Erkan

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

#### • Prof. Dr. Bülent Erol

Florence Nightingale Hospital, Istanbul, Turkey

#### • Prof. Dr. Adem Fazlıoğlu

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

#### Assoc. Prof. Asuman Gedikbaşı

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

# • Prof. Dr. Numan Görgülü

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

#### • Prof. Dr. Cenk Gürbüz

University of Beykoz, Istanbul, Turkey

# Prof. Dr. Abdul Cem İbiş

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

# • Prof. Dr. Yusuf Özlem İlbey

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

# • Prof. Dr. Abdurrahim İmamoğlu

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

# • Prof. Dr. Ercan İnci

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

#### • Prof. Dr. Kadriye Kart Yaşar

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

# • Prof. Dr. Mustafa Feridun Koşar

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

#### • Prof. Dr. Abdulbaki Kumbasar

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

#### • Prof. Dr. Cemal Kural

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



#### • Prof. Dr. Eyüp Veli Küçük

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

# • Prof. Dr. Ahmet Yaser Müslümoğlu

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

#### • Prof. Dr. Fatma Oğuz Sarvan

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

#### • Prof. Dr. Mehmet Soy

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

# • Prof. Dr. Ali İhsan Taşçı

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

#### • Prof. Dr. Fatih Tunca

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

# • Prof. Dr. Ahmet Rahmi Onur

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

# • Prof. Dr. İsa Özbey

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

#### • Prof. Dr. Ali Özdemir

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

# • Prof. Dr. Enver Özdemir

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

# • Prof. Dr. İlgin Özden

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

#### • Prof. Dr. Zeynel Abidin Öztürk

Şahinbey Research Hospital, Clinic of Geriatrics, Gaziantep, Turkey

#### • Prof. Dr. İlker Seçkiner

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

# • Prof. Dr. Atilla Semerciöz

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

#### • Prof. Dr. Altan Sencer

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

#### • Prof. Dr. Aliye Soylu

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

#### • Prof. Dr. Esra Şevketoğlu

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

#### • Prof. Dr. 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. Dr. Ayhan Verit

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

#### • Prof. Dr. Vildan Ayşe Yayla

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

#### • Prof. Dr. Asıf Yıldırım

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

#### • Prof. Dr. Mehmet Yılmaz

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

#### • Assoc. Prof. Dr. Cevher Akarsu

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

# • Assoc. Prof. Dr. İbrahim Faruk Aktürk

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

#### • Assoc. Prof. Dr. Mehmet Bedir Akyol

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

#### • Assoc. Prof. Dr. Serdar Altınay

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

# • Assoc. Prof. Dr. Yavuz Altunkaynak

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



#### Assoc. Prof. Dr. Özlem Altuntas Aydın

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

#### • Assoc. Prof. Dr. Feyzi Arda Atar

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

# • Assoc. Prof. Dr. Esra Ataoğlu

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

#### • Assoc. Prof. Dr. Gökhan Atış

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

#### • Assoc. Prof. Dr. 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. Dr. Cemal Bes

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

# • Assoc. Prof. Dr. 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. Dr. 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. Dr. 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. Dr. Murat Çabalar

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

#### • Assoc. Prof. Dr. 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. Dr. İlkay Çakır

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

#### • Assoc. Prof. Dr. Selda Çelik

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

#### • Assoc. Prof. Dr. Necati Çitak

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

#### • Assoc. Prof. Dr. Zeynep Cizmeci

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

#### • Assoc. Prof. Dr. Zafer Çukurova

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

# • Assoc. Prof. Dr. Halil Doğan

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

# • Assoc. Prof. Dr. 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. Dr. Nihat Demirhan Demirkıran

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

#### • Assoc. Prof. Dr. Göksel Dikmen

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

# • Assoc. Prof. Dr. Ahmet Cem Dural

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

#### • Assoc. Prof. Dr. Altuğ Duramaz

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

#### • Assoc. Prof. Dr. Keziban Doğan

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



#### Assoc. Prof. Dr. Turgut Dönmez

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

# • Assoc. Prof. Dr. Mustafa Suphi Elbistanlı

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

#### • Assoc. Prof. Dr. Murat Ekin

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

# • Assoc. Prof. Dr. Oğuzhan Ekizoğlu

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

#### • Assoc. Prof. Dr. Gökmen Umut Erdem

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

# • Assoc. Prof. Dr. Ersin Erçin

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

# • Assoc. Prof. Dr. Hülya Ertaşoğlu Toydemir

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

# • Assoc. Prof. Dr. Habip Gedik

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

#### • Assoc. Prof. Dr. Asuman Gedikbaşı

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

# • Assoc. Prof. Dr. Murat Gönenç

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

# • Assoc. Prof. Dr. Günay Gül

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

# • Assoc. Prof. Dr. Hakan Güraslan

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

#### • Assoc. Prof. Dr. Zafer Gökhan Gürbüz

Adana City Hospital, Clinic of Urology, Adana, Turkey

# • Assoc. Prof. Dr. Nevin Hatipoğlu

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

#### • Assoc. Prof. Dr. Sadık Sami Hatipoğlu

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

# • Assoc. Prof. Dr. Fehmi Hindilerden

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

# • Assoc. Prof. Dr. Elif Hocaoğlu

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

# • Assoc. Prof. Dr. Mehmet Hurşitoğlu

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

#### • Assoc. Prof. Dr. Rahim Horuz

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

# • Assoc. Prof. Dr. Nilgün Işıksaçan

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

# • Assoc. Prof. Dr. Serkan İpek

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

#### • Assoc. Prof. Dr. Batuhan Kara

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

#### • Assoc. Prof. Dr. Mehmet Karabulut

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

# • Assoc. Prof. Dr. Didem Karaçetin

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

# • Assoc. Prof. Dr. Ali Aycan Kavala

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



#### • Assoc. Prof. Dr. Cihan Kaya

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

# • Assoc. Prof. Dr. Kamil Hakan Kaya

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

#### • Assoc. Prof. Dr. Çiğdem Kekik

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

#### • Assoc. Prof. Dr. Sinan Levent Kireçci

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

#### • Assoc. Prof. Dr. Osman Köneş

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

#### • Assoc. Prof. Dr. Hayat Kumbasar Karaosmanoğlu

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

# • Assoc. Prof. Dr. Alev Kural

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

#### • Assoc. Prof. Dr. Burçe Can Kuru

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

#### • Assoc. Prof. Dr. Meral Mert

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

# • Assoc. Prof. Dr. Tayfun Oktar

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

# • Assoc. Prof. Dr. Alper Ötünçtemur

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

# • Assoc. Prof. Dr. Ramadan Özmanevra

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

# • Assoc. Prof. Dr. Metin Öztürk

Haydarpaşa Numune Hospital, Clinic of Urology, Istanbul, Turkey

#### • Assoc. Prof. Dr. Figen Palabıyık

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

#### • Assoc. Prof. Dr. Berkan Reşörlü

Memorial Ankara Hospital, Clinic of Urology, Ankara, Turkey

#### • Assoc. Prof. Dr. Damlanur Sakız

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

#### • Assoc. Prof. Dr. Özgül Salihoğlu

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

# • Assoc. Prof. Dr. İbrahim Sayın

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

# • Assoc. Prof. Dr. Gökmen Sevindik

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

#### • Assoc. Prof. Dr. Hatem Hakan Selçuk

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

#### • Assoc. Prof. Dr. Mesrur Selçuk Sılay

Memorial Hospital, Clinic of Urology, Istanbul, Turkey

#### • Assoc. Prof. Dr. Nuri Alper Şahbaz

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

# • Assoc. Prof. Dr. Selçuk Şahin

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

#### • Assoc. Prof. Dr. Aysu Şen

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

#### • Assoc. Prof. Dr. Ebru Şen

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

# • Assoc. Prof. Dr. Timuçin Taner

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



#### • Assoc. Prof. Dr. Tzevat Tevfik

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

# • Assoc. Prof. Dr. Deniz Tural

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

#### • Assoc. Prof. Dr. Fatma Nihan Turhan Çağlar

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

# • Assoc. Prof. Dr. Sebahat Tülpar

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

#### • Assoc. Prof. Dr. Saygın Türkyılmaz

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

#### • Assoc. Prof. Dr. 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. Dr. Levent Yaşar

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

#### • Assoc. Prof. Dr. Fatih Yanaral

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

# • Assoc. Prof. Dr. Zahide Mine Yazıcı

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

#### • Assoc. Prof. Dr. Emre Yıldırım

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

#### • Assoc. Prof. Dr. Mürvet Yılmaz

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

# • Assoc. Prof. Dr. Fadime Ulviye Yiğit

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

#### • Assoc. Prof. Dr. Emrah Yürük

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

# • Assoc. Prof. Dr. Mehmet Yürüyen

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



# **Contents**

# **Review**

108 Inherited Metabolic Myopathies: Current Diagnosis and Treatment Approaches

Kalıtsal Metabolik Miyopatiler: Güncel Tanı ve Tedavi Yaklaşımları

Melike Ersoy

# Research

115 Assessment of Follow-up and Treatment Outcomes of Eyes With Wet Age-Related Macular Degeneration (Wet AMD) for 2 Years in a Real-Life Clinical Practice Setting

Yaş Tip Yaşa Bağlı Maküla Dejeneransı'nda (YBMD) Ranibizumab Pro Re Nata (PRN) Rejimi Benimsenen Olgularda İki Yıllık Gerçek Yaşam Sonuçlarımız

İsmail Umut Onur, Mehmet Fatih Aşula, Ulviye Yiğit, Utku Furuncuoğlu, Ozan Sonbahar

121 Effect of Pulmonary Rehabilitation on Patients With Severe and Very Severe COPD and Emphysema

Amfizem Baskın Ağır ve Çok Ağır KOAH Hastalarında Pulmoner Rehabilitasyonun Etkisi Cantürk Taşçı, Deniz Doğan Mülazimoğlu, Deniz Doğan, Nesrin Öcal, Yakup Arslan

- Radiological Evaluation of Age- and Gender-Related Changes in the Blumensaat Line
  Blumensaat Çizgisinde Yaş ve Cinsiyetle İlişkili Değişikliklerin Radyolojik Olarak Değerlendirilmesi
  Veysel Kaplanoğlu, Hatice Kaplanoğlu
- 130 Investigation of Antifungal Susceptibility of Trichosporon Asahii Isolated From Urine Samples İdrar Örneklerinden İzole Edilen Trichosporon Asahii İzolatlarının Antifungal Duyarlılığının Araştırılması Deniz Turan, Ayşe Barış, Fatma Özakkaş, Şölen Daldaban Dinçer, Sebahat Aksaray
- The Effect of Nurse Telephone Consultation After Coronary Artery Bypass on the Autonomy Level of Elderly Patients: A Quasi-Experimental Study

Koroner Arter Bypass Sonrası Telefonla Hemşire Danışmanlığının Yaşlı Hastaların Otonomi Düzeyine Etkisi: Yarı Deneysel Çalışma

Figen Dığın, Ümmü Yıldız Fındık

142 The Effects of an Absorbable Hemostat Produced From Oxidized Regenerated Cellulose on Adhesion Formation in a Rat Model

Oksitlenmiş Rejenere Selülozdan Üretilen Absorbe Edilebilir Bir Hemostatın Rat Modelinde Adezyon Oluşumu Üzerine Etkisi

Adem Yavuz, Gökalp Öner, Mustafa Taş, Selim Çınaroğlu

149 The Gastroscopic Findings of the Pediatric Patients With Hematemesis

Çocuk Acil Polikliniğine Hematemesis Şikayetiyle Başvuran Hastaların Gastroskopik Bulguları

Hasret Ayyıldız Civan, Sinem Oral Cebeci



- 154 Comparison of Use of Steroid Alone or in Combination With Cyclophosphamide For the Initial Therapy of Idiopathic Membranous Nephropathy
  - İdiyopatik Membranöz Nefropatinin Başlangıç Tedavisinde Steroidin Tek Başına veya Siklofosfamid ile Kombine Kullanımının Karşılaştırılması
  - Sibel Yücel Koçak, Özlem Harmankaya, Arzu Özdemir Kayalar, Mürvet Yılmaz, Süheyla Apaydın
- 161 The Relationship Between Cyclo-Oxygenase-2 -1195A/G Gene Polymorphism and Renal Cell Carcinoma
  - Siklooksijenaz-2 -1195 A/G Gen Polimorfizmi ile Böbrek Hücreli Karsinom Arasındaki İlişki
  - İlknur Bingül, Canan Küçükgergin, Selçuk Erdem, Tzevat Tefik, Öner Şanlı, Şule Seçkin