



www.bakirkoytip.org

Owner

SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital

Editor-in Chief

Prof. Dr. Esra Şevketoğlu
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatric Intensive Care, İstanbul, Turkey
0000-0002-8330-2877
caglaes@yahoo.com

Editorial Assistants

Assoc. Prof. Dr. Esra Deniz Papatya Çakır
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatric Endocrinology, İstanbul, Turkey
0000-0003-4664-7435
edpapatya@yahoo.com.tr

Assoc. Prof. Dr. İtr Şirinoğlu Demiriz
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Hematology, İstanbul, Turkey
0000-0001-7931-7104
dritir@hotmail.com

Assoc. Prof. Dr. Abdulmuttalip Şimşek
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Urology, İstanbul, Turkey
0000-0001-8003-4654
simsek76@gmail.com

Assoc. Prof. Dr. Kıvanç Derya Peker
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Surgery, İstanbul, Turkey
0000-0002-8887-3505
pekerkivanderya@gmail.com

Administrative Office

SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital
Tevfik Sağlam Cad. No: 11 Zuhuratbaba
İstanbul - Turkey
Tel: +90 212 414 71 59 / 90 212 241 68 20
mail: info@bakirkoytip.org

Language Editors

Gürkan KAZANCI

Statistics Editors

Emire Bor

Graphics

Selma ARSLAN
s.arslan@logos.com.tr

Publication Coordinator

Hira Gizem FİDAN
h.fidan@logos.com.tr

Publication Assistant

Hilal KARAKAYA
h.karakaya@logos.com.tr

Publication Type: Local Periodicals

Publisher

LOGOS YAYINCILIK TİC. A.Ş.
Yıldız Posta Cad. Sinan Apt. No. 36 D. 63/64 34349
Gayrettepe-İstanbul

 Tel : (0212) 288 05 41
Faks : (0212) 211 61 85
E-mail : logos@logos.com.tr
web : www.logosyayincilik.com

ISSN: 1305-9319 | E-ISSN 1305-9327 | Year: 2021 | Volume: 17 | Issue: 1

MEDICAL JOURNAL OF BAKIRKÖY TIP DERGİSİ

*Bakirkoy Medical Journal of is an official scientific Journal of
SBÜ. Dr. Sadi Konuk Research and Training Hospital (BMJ)*

*It is published quarterly as 4 issues every year
(March, June, September, December).*

*BMJ 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.



Advisory Board

- **Prof. Dr. Gökhan Tolga Adaş**
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 School of Medicine, Department
of General Surgery, Gastrointestinal Surgery Unit, İstanbul,
Turkey
- **Prof. Dr. Fatih Altunren**
Okmeydanı Training and Research Hospital, Department of
Urology, İstanbul, Turkey
- **Prof. Dr. Yüksel Altuntaş**
Sisli Hamidiye Pediatric Training and Research Hospital,
Department of Endocrinology, İstanbul, Turkey
- **Prof. Dr. Süheyla Apaydın**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Nephrology, İstanbul,
Turkey
- **Prof. Dr. Oktar Asoğlu**
Division of Gastrointestinal Surgery, Academia of Clinical
Science of Bogazici, İstanbul, Turkey
- **Prof. Dr. Ali Atan**
Gazi University Faculty of Medicine Department of Urology,
Ankara, Turkey
- **Prof. Dr. Ali Fuat Atmaca**
Memorial Hospital Urology Clinic, Ankara, Ankara, Turkey
- **Prof. Dr. Ali Orhan Bilge**
Koç University School of Medicine, Department of General
Surgery, Hepato-Pancreato-Biliary Surgery Unit, İstanbul,
Turkey
- **Prof. Dr. Murat Bozlu**
Mersin University School 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, School of
Medicine, Department of General Surgery, Hepato –
Pancreato-Biliary Unit, İstanbul, Turkey
- **Prof. Dr. Erdoğan Çetinkaya**
İstanbul Chest Diseases and Thoracic Surgery Training and
Research Hospital, Department of Chest Diseases, İstanbul,
Turkey
- **Prof. Dr. I. Öner Doğan**
İstanbul University Faculty of Medicine, Department of
Pathology, İstanbul, Turkey
- **Prof. Dr. Yeşim Erbil**
Private Office, Endocrine Surgery, İstanbul, Turkey
- **Prof. Dr. Mert Murat Erkan**
Koç University School of Medicine, Department of General
Surgery, Hepato-Pancreato-Biliary Surgery Unit, İstanbul,
Turkey
- **Prof. Dr. Bülent Erol**
Florence Nightingale Hospital, İstanbul, Turkey
- **Prof. Dr. Adem Fazlıoğlu**
İstinye University Medical Park Hospital, Department of
Urology, İstanbul, Turkey
- **Prof. Dr. Numan Görgülü**
Bağcılar Training and Research Hospital, Department of
Nephrology, İstanbul, Turkey
- **Prof. Dr. Cenk Gürbüz**
University of Beykoz, İstanbul, Turkey
- **Prof. Dr. Abdul Cem İbiş**
İstanbul University Faculty of Medicine,
Hepato-Pancreato-Biliary Surgery and Liver Transplantation
Unit, İstanbul, Turkey
- **Prof. Dr. Yusuf Özlem İlbey**
İzmir Tepecik Training and Research Hospital, Department
of Urology, İzmir, Turkey
- **Prof. Dr. Abdurrahim İmamoğlu**
Dışkapı Yıldırım Beyazıt Training and Research Hospital,
Department of Urology, Ankara, Turkey
- **Prof. Dr. Ercan İnci**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Radiology, İstanbul, Turkey
- **Prof. Dr. Kadriye Kart Yaşar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Infectious Disease,
İstanbul, Turkey
- **Prof. Dr. Mustafa Feridun Koşar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Cardiology, İstanbul,
Turkey
- **Prof. Dr. Abdülbaki Kumbasar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Genel Medicine, İstanbul,
Turkey
- **Prof. Dr. Cemal Kural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Orthopaedics and
Traumatology, İstanbul, Turkey
- **Prof. Dr. Eyüp Veli Küçük**
Umraniye Training and Research Hospital, Department of
Urology, İstanbul, Turkey
- **Prof. Dr. Ahmet Yaser Müslümoğlu**
Bağcılar Training and Research Hospital, Department of
Urology, İstanbul, Turkey
- **Prof. Dr. Fatma Oğuz Sarvan**
İstanbul University Faculty of Medicine Department of
Medical Biology, Division of Medical Biology and Genetics,
İstanbul, Turkey
- **Prof. Dr. Mehmet Soy**
Altınbaş University Medical Park, Department of
Rheumatology, İstanbul, Turkey
- **Prof. Dr. Ali İhsan Taşçı**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Urology, İstanbul, Turkey
- **Prof. Dr. Fatih Tunca**
İstanbul University Faculty of Medicine, Department of
Endocrine Surgery, İstanbul, Turkey
- **Prof. Dr. Ahmet Rahmi Onur**
Firat University Faculty of Medicine, Department of
Urology, Elazığ, Turkey
- **Prof. Dr. İsa Özbey**
Atatürk University Faculty of Medicine, Department of
Urology, Erzurum, Turkey
- **Prof. Dr. Ali Özdemir**
Fatih Sultan İstanbul Education and Research Hospital,
Division of General Internal Medicine, İstanbul, Turkey
- **Prof. Dr. Enver Özdemir**
Eyup Taksim Training and Research Hospital, Department of
Urology, İstanbul, Turkey
- **Prof. Dr. İlgin Özden**
İstanbul University, Faculty of Medicine, Hepato-Pancreato-
Biliary Surgery and Liver Transplantation Unit, İstanbul,
Turkey



www.bakirkoytip.org

Advisory Board

- **Prof. Dr. Zeynel Abidin Öztürk**
Sahinbey Research Hospital, Department 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, Department of
Urology, Istanbul, Turkey
- **Prof. Dr. Altan Sencer**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Neurosurgery, Istanbul,
Turkey
- **Prof. Dr. Aliye Soylu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital, Department of Gastroenterology,
Istanbul, Turkey
- **Prof. Dr. Esra Şevketoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Pediatric Intensive Care,
Istanbul, Turkey
- **Prof. Dr. Volkan Tuğcu**
Memorial Hospital, Department of Urology, Istanbul, Turkey
- **Prof. Dr. Ayhan Verit**
Fatih Sultan Mehmet Training and Research Hospital,
Department of Urology, Istanbul, Turkey
- **Prof. Dr. Vildan Ayşe Yayla**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Neurology, Istanbul,
Turkey
- **Prof. Dr. Asif Yıldırım**
Medeniyet University Goztepe Training and Research
Hospital, Department of Urology, Istanbul, Turkey
- **Prof. Dr. Mehmet Yılmaz**
Sani Konukoğlu Application and Research Hospital,
Department of Hematology, Gaziantep, Turkey
- **Assoc. Prof. Dr. Cevher Akarsu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of General Surgery, Istanbul,
Turkey
- **Assoc. Prof. Dr. İbrahim Faruk Aktürk**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Cardiology, Istanbul,
Turkey
- **Assoc. Prof. Dr. Mehmet Bedir Akyol**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Pediatric Cardiology,
Istanbul, Turkey
- **Assoc. Prof. Dr. Serdar Altınay**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Pathology,
Istanbul, Turkey
- **Assoc. Prof. Dr. Yavuz Altunkaynak**
Bakırköy Dr. Sadi Konuk Education and Research Hospital,
Department of Neurology, Istanbul, Turkey
- **Assoc. Prof. Dr. Özlem Altuntaş Aydın**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Infectious Disease,
Istanbul, Turkey
- **Assoc. Prof. Dr. Feyzi Arda Atar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Urology,
Istanbul, Turkey
- **Assoc. Prof. Dr. Esra Ataoglu**
Haseki Education and Research Hospital, Department of
General Internal Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Gökhan Atış**
Medeniyet University Goztepe Training and Research
Hospital, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Serdar Hakan Başaran**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Orthopaedics and
Traumatology, Istanbul, Turkey
- **Assoc. Prof. Dr. Cemal Bes**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of General Medicine, Istanbul,
Turkey
- **Assoc. Prof. Dr. Mualla Biçer Gençbay**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Physical Therapy and
Rehabilitation, Istanbul, Turkey
- **Assoc. Prof. Dr. Mustafa Gökhan Bilgili**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Orthopaedics and
Traumatology, Istanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Abdussamet Bozkurt**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of General and
Gastrointestinal Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Murat Çabalar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Neurology, Istanbul,
Turkey
- **Assoc. Prof. Dr. Sibel Çağlar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Physical Therapy and
Rehabilitation, Istanbul, Turkey
- **Assoc. Prof. Dr. İlker Çakır**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department General Medicine, Istanbul,
Turkey
- **Assoc. Prof. Dr. Selda Çelik**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of General Medicine, Istanbul,
Turkey
- **Assoc. Prof. Dr. Necati Çitak**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Thorax Surgery, Istanbul,
Turkey
- **Assoc. Prof. Dr. Zeynep Çizmeçli**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training
Hospital Department of Microbiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Zafer Çukurova**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Anesthesiology and
Reanimation, Istanbul, Turkey
- **Assoc. Prof. Dr. Halil Doğan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department of Emergency Medicine,
Istanbul, Turkey
- **Assoc. Prof. Dr. Sema Çiftçi Doğanşen**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training
Hospital Department of General Medicine, Istanbul, Turkey
- **Exp. Dr. Yavuz Onur Danacıoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and
Training Hospital Department 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, Istanbul, Turkey



www.bakirkoytip.org

Advisory Board

- **Assoc. Prof. Dr. Ahmet Cem Dural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Altuğ Duramaz**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Orthopaedics and Traumatology, Istanbul, Turkey
- **Assoc. Prof. Dr. Keziban Doğan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, Istanbul, Turkey
- **Assoc. Prof. Dr. Turgut Dönmez**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Mustafa Suphi Elbistanlı**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, Istanbul, Turkey
- **Assoc. Prof. Dr. Murat Ekin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department 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**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Ersin Erçin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Orthopaedics and Traumatology, Istanbul, Turkey
- **Assoc. Prof. Dr. Hülya Ertaşoğlu Toydemir**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Neurology, Istanbul, Turkey
- **Assoc. Prof. Dr. Habip Gedik**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department 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**
Acibadem Mehmet Ali Aydınlar University, School 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, Department of Neurology, Istanbul, Turkey
- **Assoc. Prof. Dr. Hakan Güraslan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, Istanbul, Turkey
- **Assoc. Prof. Dr. Zafer Gökhan Gürbüz**
Adana City Hospital, Department of Urology, Adana, Turkey
- **Assoc. Prof. Dr. Nevin Hatipoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatric Infection Disease, Istanbul, Turkey
- **Assoc. Prof. Dr. Sadık Sami Hatipoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatrics, Istanbul, Turkey
- **Assoc. Prof. Dr. Fehmi Hindilerden**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Elif Hocaoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Hürşitoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Rahim Horuz**
Medipol University School of Medicine, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Nilgün Işıksaçan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Biochemistry, Istanbul, Turkey
- **Assoc. Prof. Dr. Serkan İpek**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Batuhan Kara**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Karabulut**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Didem Karaçetin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiation Oncology, Istanbul, Turkey
- **Assoc. Prof. Dr. Ali Aycan Kavala**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Hearth Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Cihan Kaya**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, Istanbul, Turkey
- **Assoc. Prof. Dr. Kamil Hakan Kaya**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, Istanbul, Turkey
- **Assoc. Prof. Dr. Çiğdem Kekik**
Istanbul University Faculty of Medicine Department of Medical Biology, Division of Medical Biology and Genetics, Istanbul, Turkey
- **Assoc. Prof. Dr. Sinan Levent Kireççi**
Sisli Training and Research Hospital, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Osman Köneş**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey



www.bakirkoytip.org

Advisory Board

- **Assoc. Prof. Dr. Hayat Kumbasar Karaosmanoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Infectious Disease, Istanbul, Turkey
- **Assoc. Prof. Dr. Alev Kural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Biochemistry, Istanbul, Turkey
- **Assoc. Prof. Dr. Burçe Can Kuru**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Dermatology, Istanbul, Turkey
- **Assoc. Prof. Dr. Meral Mert**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training 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, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Ramadan Özmanevra**
Girne University, Department of Orthopaedics and Traumatology, Kyrenia, TRNC
- **Assoc. Prof. Dr. Metin Öztürk**
Haydarpaşa Numune Hospital, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Figen Palabıyık**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatric Radiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Berkan Reşörlü**
Memorial Ankara Hospital, Department of Urology, Ankara, Turkey
- **Assoc. Prof. Dr. Damlanur Sakız**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pathology, Istanbul, Turkey
- **Assoc. Prof. Dr. Özgül Salıhoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Neonatology, Istanbul, Turkey
- **Assoc. Prof. Dr. İbrahim Sayın**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, Istanbul, Turkey
- **Assoc. Prof. Dr. Gökmen Sevindik**
Mega Bağcılar Medipol University Hospital, Department of Oncology, Istanbul, Turkey
- **Assoc. Prof. Dr. Hatem Hakan Selçuk**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Mesrur Selçuk Sılay**
Memorial Hospital, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Nuri Alper Şahbaz**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Selçuk Şahin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Aysu Şen**
Bakırköy Dr. Sadi Konuk Education and Research Hospital, Department of Neurology, Istanbul, Turkey
- **Assoc. Prof. Dr. Ebru Şen**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department 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 Teflik**
Istanbul University Faculty of Medicine, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Deniz Tural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Fatma Nihan Turhan Çağlar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Cardiology, Istanbul, Turkey
- **Assoc. Prof. Dr. Sebahat Tülpar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatric Nephrology, Istanbul, Turkey
- **Assoc. Prof. Dr. Saygın Türkyılmaz**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Hearth Surgery, Istanbul, Turkey
- **Assoc. Prof. Dr. Meltem Vural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Physical Therapy and Rehabilitation, Istanbul, Turkey
- **Assoc. Prof. Dr. Levent Yaşar**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, Istanbul, Turkey
- **Assoc. Prof. Dr. Fatih Yanaral**
Haseki Education and Research Hospital, Department of Urology, Istanbul, Turkey
- **Assoc. Prof. Dr. Zahide Mine Yazıcı**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, Istanbul, Turkey
- **Assoc. Prof. Dr. Emre Yıldırım**
Sahinbey Research and Training Hospital, Department of Gastroenterology, Gaziantep, Turkey
- **Assoc. Prof. Dr. Mürvet Yılmaz**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey
- **Assoc. Prof. Dr. Fadime Ülviye Yiğit**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Ophthalmology, Istanbul, Turkey
- **Assoc. Prof. Dr. Emrah Yürük**
Bağcılar Training and Research Hospital, Department of Urology Istanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Yürüyen**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, Istanbul, Turkey



www.bakirkoytip.org

ISSN 1305-9319

E-ISSN 1305-9327

Contents

Clinical Investigations

- Comparison of LISA vs INSURE Technique Using Nasal Intermittent Positive Pressure Ventilation (NIPPV) Support In Preterm Infants: A Randomized Controlled Trial**
Preterm Bebeklerde Nazal Aralıklı Pozitif Basıncılı Ventilasyon (NIPPV) Desteği kullanılarak LISA ile INSURE Tekniğinin Karşılaştırılması: Randomize Kontrollü Bir Çalışma
Nihal Akca, Ayşe Sevim Gökcalp, Ayla Günlemez, Demet Oğuz, Fatih Kılıçbay, Ayşe Engin Arısoy..... 1-6
- Approach to Complex Renal Cysts: A Single-Center Experience**
Kompleks Renal Kistlere Yaklaşım: Tek Merkez Deneyimi
Nadir Kalfazade, Ekrem Guner..... 7-10
- Evaluation of Vaccination Status Among Children with Inborn Errors of Metabolism**
Doğumsal Metabolizma Hastalığı Olan Çocukların Aşılama Durumlarının Değerlendirilmesi
Pınar Yılmazbaş, Nafiye Emel Çakar..... 11-17
- Evaluation of Clinical and Radiological Outcomes of Subvastus and Medial Parapatellar Approaches in Total Knee Arthroplasty**
Total Diz Artroplastisinde Subvastus ve Medial Parapatellar Yaklaşımın Klinik ve Radyolojik Sonuçlarının Değerlendirilmesi
Necati Emirhan, Furkan Yapıcı..... 18-24
- Effectiveness of Lactate Dehydrogenase to Albumin Ratio in the Diagnosis of Pulmonary Thromboembolism**
Laktat Dehidrojenaz Albumin Oranının Pulmoner Emboli Tanısında Etkinliği
Recep Alanlı, Murat Bülent Küçükay, Kadir Serkan Yalçın..... 25-29
- Risk Factors for Malignant Gallbladder Polyps**
Malign Safra Kesesi Polipleri için Risk Faktörleri
Serhan Yılmaz, Hakan Bolukbasi, Mehmet Abdussamet Bozkurt..... 30-35
- Comparison of Macular and Retinal Nerve Fiber Layer Thickness in Amblyopic and Fellow Eyes**
Ambliyopik ve Sağlam Gözlerde Maküler ve Retinal Sinir Lifli Tabakası Kalınlığının Karşılaştırılması
Ceren Gürez..... 36-40
- The Comparison Between Forensic Staging System and Risser Classification for Iliac Crest Apophysis**
İliyak Krest Apofizi için Adli Evreleme Sistemi ile Risser Sınıflandırmasının Karşılaştırılması
Can Doruk Basa, İsmail Eralp Kacmaz..... 41-47
- Can our Blood Groups Determine our Life Expectancy?**
Kan Gruplarımız Hayat Uzunluğumuzu Belirleyebilir mi?
Gulcin Sahingoz Erdal, İsmail Biyik, Pınar Kasapoglu, Muhammet Hulusi Satilmisoglu, Nilgun Isiksacan..... 48-52



**The Predictive Factors for Prolonged Seizures and Status Epilepticus:
A Single Center Study**

*Uzamış Nöbet ve Status Epileptikus için Risk Faktörleri:
Tek Merkez Deneyimi*

Müge Ayanoğlu, Ebru Atike Ongun..... 53-63

COVID-19 in Children: A Single Center Experience from Istanbul, Turkey

Çocuklarda COVID-19: İstanbul, Türkiye'den Tek Merkez Deneyimi

Gulser Esen Besli, Sevlıya Öcal Demir, Saniye Girit, Tuğçe Arman, Muhterem Duyu,
Sertac Arslanoglu..... 64-71

Evaluation of Cervical Dysfunctions in Temporomandibular Disorders

Temporomandibular Bozukluklarda Servikal Disfonksiyonların Değerlendirilmesi

Mustafa Corum..... 72-78

**Prostatic Artery Embolization in Benign Prostatic Hyperplasia Patients with
High Comorbidity**

*Benign Prostat Hiperplazisi Olan Komorbiditesi Yüksek Hasta Grubunda
Prostat Arter embolizasyonu*

Çağlayan Çakır, Aysun Erbahceci Salik, Fatih Kılınç, Filiz Saçan, Levent Oguzkurt,
Volkan Tugcu..... 79-84

**Monitorization of NGAL, Creatinine and Renal Blood Flow in the
Follow-up of Acute Kidney Injury in Intensive Care**

*Yoğun Bakımda Akut Böbrek Hasarı Takibinde NGAL, Kreatinin ve
Renal Kan Akımının Monitörizasyonu*

Mehmet Süleyman Sabaz, Halil Çetingök, Gokhan Sertcakacılar, Yusuf Ziya Yener,
Erdal Atiç, Aysun Erbahceci Salik, Evrim Kucur Tulubas, Gulsum Oya Hergunsel..... 85-93

Iliac Crest Autograft Harvesting by Mosaicplasty Technique

İliak Kanat Otogreft Alımında Mozaikplasti Tekniği

Bulent Tanriverdi, Nezh Ziroglu..... 94-99

**Risk Factors for 28-day Mortality Among COVID-19 Patients in an Intensive Care Unit
of a Tertiary Care Center in Istanbul**

*İstanbul'daki Üçüncü Basamak bir Merkezin Yoğun Bakım Ünitesindeki COVID-19
Hastalarında 28 Günlük Mortalite için Risk Faktörleri*

Ahmet Tolga Erol, Sinan Aşar, Mehmet Süleyman Sabaz, Beyza Ören Bilgin,
Zafer Çukurova..... 100-107