



ISSN:1305-9319 | E-ISSN:1305-9327 | Cilt / Volume 16 | Sayı / Issue 3 | Yıl / Year 2020

MEDICAL JOURNAL OF BAKIRKÖY TIP DERGİSİ



www.bakirkoytip.org





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. İtir 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
pekerkivancderya@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
Ümit ÖZKAN

Statistics Editors

Emire Bor

Graphics

Arzu Deniz ÖLMEZ
Ayfer ERYEŞİL

Publication Coordinator

Hira Gizem FİDAN

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: 2020 | Volume: 16 | Issue: 3

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.



www.bakirkoytip.org

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 İlber**
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 Ataoğlu**
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 Çizmeci**
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. 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, İstanbul, Turkey
- **Assoc. Prof. Dr. Turgut Dönmez**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, İstanbul, Turkey
- **Assoc. Prof. Dr. Mustafa Suphi Elbistanlı**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, İstanbul, Turkey
- **Assoc. Prof. Dr. Murat Ekin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, İstanbul, Turkey
- **Assoc. Prof. Dr. Gökmen Umut Erdem**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, İstanbul, Turkey
- **Assoc. Prof. Dr. Ersin Erçin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Orthopaedics and Traumatology, İstanbul, Turkey
- **Assoc. Prof. Dr. Hülya Ertaşoğlu Toydemir**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Neurology, İstanbul, Turkey
- **Assoc. Prof. Dr. Habip Gedik**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Infectious Disease, İstanbul, Turkey
- **Assoc. Prof. Dr. Asuman Gedikbaşı**
İstanbul University Institute of Child Health, Department of Pediatric Basic Science, Medical Genetics, İstanbul, Turkey
- **Assoc. Prof. Dr. Murat Gönenc**
Acibadem Mehmet Ali Aydınlar University, School of Medicine, Department of General Surgery, Gastrointestinal Surgery Unit, İstanbul, Turkey
- **Assoc. Prof. Dr. Günay Güll**
Bakırköy Prof. Dr. Mazhar Osman Mental Health and Neurological Diseases Training and Research Hospital, Department of Neurology, İstanbul, Turkey
- **Assoc. Prof. Dr. Hakan Güraslan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, İstanbul, 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, İstanbul, Turkey
- **Assoc. Prof. Dr. Sadık Sami Hatipoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Pediatrics, İstanbul, Turkey
- **Assoc. Prof. Dr. Fehmi Hindilerden**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, İstanbul, Turkey
- **Assoc. Prof. Dr. Elif Hocaoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiology, İstanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Hurşitoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Medicine, İstanbul, Turkey
- **Assoc. Prof. Dr. Rahim Horuz**
Medipol University School of Medicine, Department of Urology, İstanbul, Turkey
- **Assoc. Prof. Dr. Nilgün Işıksağan**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Biochemistry, İstanbul, Turkey
- **Assoc. Prof. Dr. Serkan İpek**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, İstanbul, Turkey
- **Assoc. Prof. Dr. Batuhan Kara**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiology, İstanbul, Turkey
- **Assoc. Prof. Dr. Mehmet Karabulut**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, İstanbul, Turkey
- **Assoc. Prof. Dr. Didem Karaçetin**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Radiation Oncology, İstanbul, Turkey
- **Assoc. Prof. Dr. Ali Aycan Kavalı**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Hearth Surgery, İstanbul, Turkey
- **Assoc. Prof. Dr. Cihan Kaya**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Obstetric and Gynecology, İstanbul, Turkey
- **Assoc. Prof. Dr. Kamil Hakan Kaya**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Otorhinolaryngology, İstanbul, Turkey
- **Assoc. Prof. Dr. Çiğdem Kekik**
İstanbul University Faculty of Medicine Department of Medical Biology, Division of Medical Biology and Genetics, İstanbul, Turkey
- **Assoc. Prof. Dr. Sinan Levent Kireççi**
Sisli Training and Research Hospital, Department of Urology, İstanbul, Turkey
- **Assoc. Prof. Dr. Osman Köneş**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of General Surgery, İstanbul, Turkey
- **Assoc. Prof. Dr. Hayat Kumbasar Karaosmanoğlu**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Infectious Disease, İstanbul, Turkey
- **Assoc. Prof. Dr. Alev Kural**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Biochemistry, İstanbul, Turkey
- **Assoc. Prof. Dr. Burçe Can Kuru**
SBÜ. İstanbul Bakırköy Dr. Sadi Konuk Research and Training Hospital Department of Dermatology, İstanbul, Turkey



www.bakirkoytip.org

Advisory Board

- **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. 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 Sevinçlik**
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. Mesur 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 Tevfik**
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 Tülp**
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 Heart 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 Ulviye 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.bakirkoytipi.org

ISSN 1305-9319

E-ISSN 1305-9327

Contents

Clinical Investigations

Association of Myeloperoxidase Gene Functional Variant with Schizophrenia and Smoking in a Turkish Population

Türk Toplumunda Myeloperoksidaz Geni Fonksiyonel Varyantının Şizofreni ve Sigara ile İlişkisi

Sacide Pehlivan, Pınar Cetinay Aydın, Mehmet Atilla Uysal, Ayşe Feyda Nursal, Selin

Kurnaz, Ulgen Sever, Aybike Aydın, Nazan Aydın, Mustafa Pehlivan 197-202

Meme Kitlelerinin Malign Benign Ayırımında Sonoelastografi ve ADC Değerinin Etkinliği

Effectiveness of Sonoelastography and Diffusion MRI ADC Value In Discriminating Between Malignant and Benign Lesions of the Breast

Sultan Macin, Muhammed Akif Deniz, Yasar Bukte, Zelal Tas Deniz, Ozgur Sarica,

Aslıhan Semiz Oysu 203-211

Comparison of Serum and Salivary Alpha-Fetoprotein Levels in Pregnancies Complicated with Neural Tube Defects

Nöral Tüp Defekti ile Komplike Gebeliklerde Serum ve Tükürük Alfa-fetoprotein

Düzeylerinin Karşılaştırılması

Talip Karacor, Mehmet Bulbul, Mehmet Can Nacar, Pınar Kirici, Muhittin Onderci,

Nurullah Peker, Sibel Sak 212-217

Evaluation of Systemic Steroid Response Via Digital Infrared Thermal Imaging (DITI) in Patients with Idiopathic Granulomatous Mastitis

İdiyopatik Granülomatöz Mastitli Hastalarda Dijital Kızılötesi Termal Görüntüleme (DİTİ)

ile Sistemik Steroid Yanıtının Değerlendirilmesi

Murat Sendur, Engin Hatipoğlu, Varol Celik 218-223

Penetrating Injuries of Peripheral Vascular Structures: Short-Term Follow-up Study

Periferik Vasküler Yapıların Delici Kesici Alet Yaralanmalarının Kısa Dönem Takibi

Yusuf Kuserli, Mehmet Ali Yesiltas, Ali Aycan Kavala, Saygin Turkyilmaz,

Ahmet Ozan Koyuncu 224-230

Evaluation of Metabolic and Nutritional Status of Children with Autism Spectrum Disorders: Results of a Single Center in Turkey

Otizm Spektrum Bozukluğu Olan Çocukların Metabolik ve Beslenme Durumlarının

Değerlendirilmesi: Türkiye’de Tek Bir Merkezin Sonuçları

Melike Ersoy, Mehmet Murat, Semra Yılmaz 231-239

Our Surgical Experience in Anomalous Opening of the Common Bile Duct

Koledok Açılım Anomalilerindeki Cerrahi Deneyimlerimiz

Ahmet Gokhan Saritas, Abdullah Ulku, Ugur Topal, Kubilay Dalcı, Burak Yavuz,

Oguz Uskudar, Atilgan Tolga Akcam 240-247

The Clinicopathologic Features and the Factors Associated with the Survival in Light-Chain Amyloidosis Patients: A Single Center Descriptive Study

Hafif Zincir Amiloidozlu Hastalarda Klinikopatolojik Özellikler ve Sağkalım ile İlişkili

Faktörler: Tek Merkezden Tanımlayıcı Çalışma

Pelin Aytan, Mahmut Yeral, Cigdem Gerekliloglu, Mutlu Kasar, Aslı Korur,

Nurhilal Buyukurt, Suheyl Asma, Ilknur Kozanoglu, Hakan Ozdogu, Can Boga 248-255



Is the Use of a Stapler for Ileocolic Anastomosis Linked to Anastomotic Leakage?

İleokolik Anastomozda Stapler Kullanımı Anastomoz Kaçağı ile İlişkili midir?

Tolga Olmez, Orhan Uzun, Omer Ozduman, Selcuk Gulmez, Ayhan Oz, Erdal Polat,

Mustafa Duman 256-262

Dosimetric Comparison of Volumetric Modulated Arc Therapy (VMAT) and Helical Tomotherapy for Hippocampal-Avoidance Prophylactic Whole Brain Radiotherapy (HA-PWBRT) in Small Cell Lung Cancer; Treatment Plans Based Study

Küçük Hücreli Akciğer Kanseriinde Hipokampus-Korumalı Profilaktik Tüm Beyin

Radyoterapisinin (HA-PWBRT) Volumetrik Ark Tedavisi ve Helikal Tomoterapisinin

Dozimetrik Karşılaştırması; Tedavi Planlarına Dayalı Çalışma

Ozlem Yetmen Dogan, Nilsu Cini, Sevecen Seyhun Nasır Can 263-271

Risk Factors Affecting Postoperative Morbidity in Laparoscopic Treatment of Perforated Appendicitis, a Single- Center Experience

Perfore Apandisitlerin Laparoskopik Tedavisinde Morbidite Gelişimi Üzerine Etkili Risk

Faktörleri, Tek Merkez Deneyimi

Ahmet Surek, Mehmet Karabulut 272-279

Hydroxychloroquine Use on Healthcare Workers Exposed to COVID-19-A Pandemic Hospital Experience

COVID-19 Temas Öyküsü Olan Sağlık Çalışanlarında Hidroksiklorokin Kullanımı; Bir

Pandemi Hastanesi Deneyimi

Ozlem Polat, Ramazan Korkusuz, Murathan Berber 280-286

Assessment of Knowledge Levels of Nurses Working in Surgical Clinics About ERAS Protocol

Cerrahi Kliniklerde Çalışan Hemşirelerin ERAS Protokolüne Yönelik Bilgi Düzeylerinin

İncelenmesi

Pinar Ongun, Ezgi Seyhan Ak 287-294

Comparison of Effectiveness of Jet Nebulizer and Mesh Nebulizer in Epinephrine Inhalation Therapy of Children with Acute Bronchiolitis

Akut Bronşiolitli Çocuklarda Epinefrin İnhalasyon Tedavisinde Jet Nebülizatör ile

Mesh Nebülizatörün Etkinliğinin Karşılaştırılması

Merve Akkas, Süleyman Bayraktar, Murat Elevli 295-300

Review of the Clinicopathological Features and Prognosis of the Rare Histological Types of Gastric Cancer

Mide Kanseriinin Nadir Görülen Histolojik Tiplerinin Klinikopatolojik Özelliklerinin ve

Prognozlarının Gözden Geçirilmesi

Tutkun Talih, Ugur Topal, Erdogan Mutevelli Sozuer, Fatih Dal, Muhammet Akyuz,

Sadi Yenel Isaogulları, Kemal Deniz, Hızır Yakup Akyıldız 301-308

Epidemiology and the Risk Factors for Mortality in Ventilator-Associated Pneumonia

Ventilatör ile İlişkili Pnömonide Epidemiyoloji ve Mortalite ile İlişkili Risk Faktörleri

Zuhal Yesilbag, Yasemin Tekdos Seker 309-316