



TÜBİTAK

# Turkish Journal of Medical Sciences

---

Volume 54 | Number 5

Article 1

---

2024

## Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/medical>

---

### Recommended Citation

(2024) "Cover and Contents," *Turkish Journal of Medical Sciences*: Vol. 54: No. 5, Article 1. Available at:  
<https://journals.tubitak.gov.tr/medical/vol54/iss5/1>

---

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Medical Sciences by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact [pınar.dundar@tubitak.gov.tr](mailto:pinar.dundar@tubitak.gov.tr).

VOLUME | ISSUE | YEAR  
**54** | **5** | **2024**  
ISSN 1300-0144 • E-ISSN 1303-6165

# TURKISH JOURNAL OF MEDICAL SCIENCES

<http://journals.tubitak.gov.tr/medical/>



Published by the Scientific and  
Technological Research Council of Türkiye

# TURKISH JOURNAL OF MEDICAL SCIENCES

## Editor-in-Chief

Orhan KÜÇÜKŞAHİN,  
Ankara Yıldırım Beyazıt University, Türkiye

VOLUME 54 • ISSUE 5 • 2024

ISSN 1300-0144 • E-ISSN 1303-6165

## Associate Editors in Chief

Berna TERZİOĞLU BEBİTOĞLU, Marmara University, Türkiye  
İzzet BİNGÖL, Health Science University, Türkiye  
Mustafa ŞAHİN, Ankara University, Türkiye  
Şule Mine BAKANAY ÖZTÜRK, Ankara Yıldırım Beyazıt University, Türkiye  
Tuğba ENSARI, Ankara Yıldırım Beyazıt University, Türkiye

## SCOPE OF JOURNAL

- The Turkish Journal of Medical Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- Accepts English-language manuscripts in all fields of medicine and related health sciences.
- Contribution is open to researchers of all nationalities.
- The following types of papers are welcome: original articles (for the presentation of clinical and laboratory studies), review articles (by invitation only), and letters to the editor (letters to the editor should be under 500 words, with no abstract, and a maximum of one table, one figure, and 15 references).

## EDITORIAL BOARD

- Abdullah ÖZKÖK, Yeditepe University, Türkiye
- Abdurrahman TUFAN, Gazi University, Türkiye
- Abdülcemal Ümit İŞIK, Karadeniz Technical University, Türkiye
- Adem GÜNGÖR, Ankara University, Türkiye
- Adem ÖZKARA, Ankara Numune Education and Research Hospital, Türkiye
- Ahmet ÇELİK, Dokuz Eylül University, Türkiye
- Ahmet Eksal KARGI, Zonguldak Bülent Ecevit University, Türkiye
- Ahmet Sami AKBULUT, İnönü University, Türkiye
- Ahmet Tunçay TURGUT, Hacettepe University, Türkiye
- Ahmet Yağmur BAŞ, Yıldırım Beyazıt University, Türkiye
- Ahmet Zülfikar AKELMA, Yıldırım Beyazıt University, Türkiye
- Ahu PAKDEMİRLİ, University of Health Sciences, Türkiye
- Akin KAYA, Ankara University, Türkiye
- Ali Fuat ERDEM, Sakarya University, Türkiye
- Ali ÖZER, İnönü University, Türkiye
- Altuğ TUNCEL, Health Science University, Türkiye
- Anıl ARAT, Hacettepe University, Türkiye
- Aslı Fahriye CEYLAN, Yıldırım Beyazıt University, Türkiye
- Aslı TUFAKÇIN, Marmara University, Türkiye
- Ateş KARATEKE, İstanbul Medeniyet University, Türkiye
- Atilla ŞENAYLI, Bozok University, Türkiye
- Ayhan CÖMERT, Ankara University, Türkiye
- Ayşe BOYVAT, Ankara University, Türkiye
- Ayşe TANA ASLAN, Gazi University, Türkiye
- Bedia DİNÇ, Health Science University, Türkiye
- Begüm ERGAN, Dokuz Eylül University, Türkiye
- Bekir UÇAN, Ankara Dışkı Yıldırım Beyazıt Training & Research Hospital, Türkiye
- Berrak GÜMÜŞKAYA, Lokman Hekim University, Türkiye
- Berrin GÜNAYDIN, Gazi University, Türkiye
- Betül BAYKAN, İstanbul University, Türkiye
- Canan YÜCESAN, Ankara University, Türkiye
- Cem SAKA, Ankara Dışkı Yıldırım Beyazıt Training & Research Hospital, Türkiye
- Deniz ERBAŞ, University of Kyrenia, Turkish Republic of Northern Cyprus
- Deniz KÖKSAL, Hacettepe University, Türkiye
- Didem Tuba AKÇALI, Gazi University, Türkiye

- Ebru ARHAN, Gazi University, Türkiye
- Ekrem ÜNAL, Erciyes University, Türkiye
- Emre HURI, Hacettepe University, Türkiye
- Erdal Birol BOSTANCI, Sakarya University, Türkiye
- Erhan ÇAPKIN, Karadeniz Technical University, Türkiye
- Erhan TATAR, Health Science University, Türkiye
- Erkan YURTÇU, Başkent University, Türkiye
- Erman ÇAKAL, Health Science University, Türkiye
- Ertuğrul KILIÇ, İstanbul Medipol University, Türkiye
- Eskild PETERSEN, Ministry of Health Muscat Oman, Oman
- Fatih GÜZELBULUT, Health Science University, Türkiye
- Fatih Süheyl EZGÜ, Gazi University, Türkiye
- Fatma ALIBAZ ÖNER, Marmara University, Türkiye
- Feride İpek KOMŞUOĞLU ÇELİKYURT, Kocaeli University, Türkiye
- Gökhan KOCA, Ankara University, Türkiye
- Hakan AKBULUT, Ankara University, Türkiye
- Hakan ÇAKMAK, University of California, USA
- Haldun AKOĞLU, Marmara University, Türkiye
- Haluk Barbaros ORAL, Bursa Uludağ University, Türkiye
- Hanefi Cem GÜL, Health Science University, Türkiye
- Hasan Çağlar UĞUR, Health Science University, Türkiye
- Hasan YAZICI, Academic Hospital, Türkiye
- Hatice PAŞAOĞLU, Gazi University, Türkiye
- Hatice Rahmet GÜNER, Yıldırım Beyazıt University, Türkiye
- Hayrunnisa Bolay BELEN, Gazi University, Türkiye
- Hülya BAŞAR, Ankara Education and Research Hospital, Türkiye
- Irmak DURUR SUBAŞI, İstanbul Medipol University, Türkiye
- İbrahim Celalettin HAZNEDAROĞLU, Hacettepe University, Türkiye
- İbrahim TEKEDERELİ, İnönü University, Türkiye
- İlhan ÇETİN, Sivas Cumhuriyet University, Türkiye
- Jale KARAKAYA, Hacettepe University, Türkiye
- Jing Xie, Johns Hopkins University, U.S.A.
- Kivanç ÇEFLE, İstanbul University, Türkiye
- Kurtuluş AKSU, Health Science University, Türkiye
- Leyla Didem KOZACI, Yıldırım Beyazıt University, Türkiye
- Lütfiye Özlem ATAY, Gazi University, Türkiye

- Mark S. KİNDÝ, Medical University of South Carolina, U.S.A.
- Mehmet Akif ÖZTÜRK, Gazi University, Türkiye
- Mehmet Ali NAHİTENDUR, Yıldırım Beyazıt University, Türkiye
- Mehmet Birhan YILMAZ, Dokuz Eylül University, Türkiye
- Mehmet ÇITIRIK, Ankara Ulucanlar Health Research Center, Türkiye
- Mehmet DADACI, Necmettin Erbakan University , Türkiye
- Mehmet Engin TEZCAN, Health Science University, Türkiye
- Mehmet Erhan TÜRKOĞLU, Mersin University, Türkiye
- Mehmet Hakan TÜRKÇAPAR, Social Sciences University of Ankara, Türkiye
- Mehmet Halil ÖZTÜRK, Karadeniz Technical University, Türkiye
- Mehmet KOÇ, Selçuk University, Türkiye
- Mehmet MELİKOĞLU, Atatürk University, Türkiye
- Mehmet OKUMUŞ, Ankara Training and Research Hospital, Türkiye
- Mehmet Sinan DAL, University of Health Sciences, Türkiye
- Mehran MIDIA, McMaster University, Canada
- Meltem ALKAN MELİKOĞLU, University of Health Sciences, Türkiye
- Meltem Gülgah HALİL, Hacettepe University, Türkiye
- Meltem İŞIKGÖZ TAŞBAKAN, Ege University, Türkiye
- Meral AKDOĞAN, Health Science University, Türkiye
- Metin DOĞAN, Necmettin Erbakan University, Türkiye
- Mevlana Derya BALBAY, Koç University, Türkiye
- Mevlüt Recep PEKİCİ, Ankara Health Research Center, Türkiye
- Muhammet KIZILGÜLÜ, Health Science University, Türkiye
- Murad BAVBEK, Yıldırım Beyazıt University, Türkiye
- Murat ALPER, Health Science University, Türkiye
- Murat YALÇIN, Bursa Uludağ University, Türkiye
- Mustafa ALTAY, University of Health Sciences, Türkiye
- Mustafa ARICI, Hacettepe University, Türkiye
- Mustafa CANKURTARAN, Hacettepe University, Türkiye
- Mustafa DURAN, University of Health Sciences, Türkiye
- Mustafa Gürkan ERDOĞAN, İstanbul University, Türkiye
- Mustafa Kemal KILIÇ, Ankara Research and Training Hospital, Türkiye
- Müge AYDOĞDU, Gazi University, Türkiye
- NazimDOĞAN, Atatürk University, Türkiye
- Nilgün SAYINALP, Hacettepe University, Türkiye
- Ozan YAZICI, Gazi University, Türkiye
- Ömer KÜÇÜK, Emory University, U.S.A.
- Özcan EREL, Ankara Atatürk Research and Training Hospital, Türkiye
- Özden ÖZYEMİŞÇİ TAŞKIRAN, Koç University, Türkiye
- Özge PAMUKÇU, Erciyes University , Türkiye
- Özgür KASAPÇOPUR, İstanbul University-Cerrahpaşa, Türkiye
- Özlem GÜZEL TUNÇCAN, Gazi University, Türkiye
- Özlem UZUNLAR SAYLIK, Etlik Zübeyde Hanım Women's Health Training and Research Hospital, Türkiye
- Rafi Haner DİRESKENELİ, Marmara University, Türkiye
- Remzi ATILGAN, Fırat University, Türkiye
- Salih MOLLAHALİLOĞLU, Ankara Yıldırım Beyazıt University, Türkiye
- Selim ARICI, On Dokuz Mayıs University , Türkiye
- Selma TURAL HESAPÇIOĞLU, Yıldırım Beyazıt University, Türkiye
- Sema HÜCÜMENOĞLU, University of Health Sciences, Türkiye
- Serdar KULA, Gazi University, Türkiye
- Serdar TOPALOĞLU, Karadeniz Technical University, Türkiye
- Sevcan Azime BAKKALOĞLU EZGÜ,Gazi University, Türkiye
- Sevim ERCAN, Gazi University, Türkiye
- Sevim ERDEM ÖZDAMAR, Hacettepe University, Türkiye
- Suat DOĞANCI, Gülhane Training and Research Hospital, Türkiye
- Şahender Gülbün AYGENCEL BIKMAZ, Gazi University, Türkiye
- Şenay SAVAŞ ERDEVE, Health Science University, Türkiye
- Şerife Mehlika KUŞKONMAZ, Ankara City Hospital, Türkiye
- Tanıl KENDİRLİ, Ankara University, Türkiye
- Tuğba ŞİMANLAR EYÜBOĞLU, Gazi University, Türkiye
- Umut KALYONCU, Hacettepe University, Türkiye
- Ülker GÜL, Akdeniz University, Türkiye
- Ümit KAYISLI, University of South Florida, USA
- Ümit Murat ŞAHİNER, Hacettepe University, Türkiye
- Yahya BÜYÜKAŞIK, Hacettepe University, Türkiye
- Yasuyuki KATO, International University of Health and Welfare, Japan
- Yaşar Gül BALTACI, Hacettepe University, Türkiye
- Yeşim Hülya UZ, Trakya University, Türkiye
- Yeşim SÜCÜLLÜ KARADAĞ, University of Health Sciences, Türkiye
- Yüksel ÜRÜN, Ankara University, Türkiye
- Zafer GÜNENDİ, Gazi University, Türkiye
- Zeliha KOÇAK TUFAN, Yıldırım Beyazıt University, Türkiye

## ABSTRACTED AND INDEXED

- Science Citation Index Expanded
- PubMed
- Scopus
- Academic Search Complete

# CONTENTS

Early relaparotomy in recipients after living donor liver transplantation: causes, risk factors, and consequences .....	881
<b>Bora BARUT, Cengiz CEYLAN, Akile ZENGİN, Mehmet GÜZEL, Yasin DALDA, Sezai YILMAZ</b>	
Hyoscine-n-butylbromide in treating abdominal pain caused by gastroenteritis: a double-blind randomized placebo-controlled study .....	887
<b>Çağdaş YILDIRIM, Gül PAMUKÇU GÜNAYDIN</b>	
Comparison of autologous venous grafts and three types of extracellular matrix grafts in Peyronie's disease surgery .....	893
<b>Türker SOYDAŞ, Selman ÜNAL, Halil UZUNDAL, Merve KAŞIKCI, Musab Ali KUTLUHAN, Emrah OKULU, Önder KAYIGİL</b>	
Antifibrotic treatment response comparison of progressive pulmonary fibrosis and idiopathic pulmonary fibrosis .....	900
<b>Berna Akıncı ÖZYÜREK, Kerem ENSARIOĞLU, Tuğçe Şahin ÖZDEMİREL, Esma Sevil AKKURT, Özlem ÖZDAĞ, Esma ZENBİLLİ</b>	
Impact of maternal muscle strength on cesarean delivery outcomes: a comparative study of nulliparous women .....	908
<b>Gülsemin ERTÜRK ÇELİK, Sezin ERTÜRK AKSAKAL, Yaprak ENGİN ÜSTÜN</b>	
Association between systemic zinc and oxidative stress levels and periodontal inflamed surface area .....	915
<b>Aysegül SARI, Serdar DOĞAN, Luigi NIBALI</b>	
Blood component-associated acute transfusion reactions in pediatric patients: experience of a tertiary care hospital ....	924
<b>Zeliha GÜZELKÜÇÜK, Dilek GÜRLEK GÖKÇEBAY, Turan BAYHAN, İkbal OK BOZKAYA, Özlem ARMAN BİLİR, Vildan KOŞAN ÇULHA, Melek İŞIK, Ayça KOCA YOZGAT, Hüsnüye Neşe YARALI, Namık Yaşar ÖZBEK</b>	
Internalizing disorders rather than ADHD are risk factors for chronicity in pediatric migraine patients .....	930
<b>Nevra ÖKSÜZ, Gülen Güler AKSU, Asena Ayça ÖZDEMİR, Aynur ÖZGE</b>	
Relationship between microbiota awareness, nutrition literacy, and health literacy among adolescents .....	938
<b>İzzet ÜLKER, Muhammet Ali AYDIN, Metin YILDIZ, Gönül GÖKÇAY, Ayşe ELKOCA, Mehmet Salih YILDIRIM, Abraham TANIMOWO, Dursun Alper YILMAZ</b>	
Nationwide study on the prevalence of rheumatoid factor and anticitrullinated peptide positivity and their contribution to rheumatoid arthritis diagnosis .....	949
<b>Hasan SATIŞ, Abdulsamet ERDEN, Emre BİLGİN, Gizem AYAN, Berkan ARMAĞAN, Duygu TECER, Alper SARI, Umut KALYONCU, Murat ÇAĞLAYAN, Mustafa Mahir ÜLGÜ, Mustafa Okan AYVALI, Naim ATA, Şuayip BİRİNÇİ</b>	
Are there differences in the clinical and laboratory features of patients with seronegative primary Sjögren's syndrome? .	956
<b>Müçteba Enes YAYLA, Rahime AKSOY, Emine USLU, Zehra KARAMAN, Recep YILMAZ, Ahmet İLBAY, Nilgün GÖVEÇ GIYNAŞ, Abdulbaki GAYDAN, Ahmet USTA, Yeter MAHMUTOĞLU, Aşkın ATEŞ, Murat TURGAY</b>	
Telemedicine in pediatric rheumatology: the video pediatric gait, arms, legs, and spine (v-pGALS) examination .....	963
<b>Zeynep BALIK, Seher ŞENER, Yağmur BAYINDIR, Müşerref KASAP CÜCEOĞLU, Emil ALİYEV, Özge BAŞARAN, Yelda BİLGİNER, Seza ÖZEN, Ezgi Deniz BATU</b>	
Assessing depression, anxiety, stress, and occupational decision regret levels among resident physicians working at Ankara University Faculty of Medicine Hospital .....	970
<b>Emrah EMİRAL, Barış ORS, Nergis CANTÜRK</b>	

Psychometric properties of the Turkish version of the Vestibular Migraine Patient Assessment Tool and Handicap Inventory .....	979
<b>Deniz Uğur CENGİZ, Feyza İNCEOĞLU, Ercan KARABABA, Bülent SATAR, Hatice Seyra ERBEK, Tuba BAYINDIR, Büşra KURTCU, Sanem Can ÇOLAK, Mehmet Kadir ERCAN, Emre SÖYLEMEZ, Metin Yüksel AKYILDIZ, Yüce İSLAMOĞLU, Bengi ARSLAN, Sümeyye DEMİREL BİRİŞİK, Emre Akgün ÖZDEMİR, İsmail DEMİR, Ahmet ADIGÜZEL</b>	
Comparison of double-port laparoscopic-assisted extracorporeal suture technique and open surgical repair for Morgagni hernia .....	989
<b>Mehmet SARIKAYA, Fatma ÖZCAN SIKI, Metin GÜNDÜZ, Tamer SEKMENLİ, İlhan ÇİFTÇİ</b>	
Evaluation with structural equation modeling of variables affecting health-seeking behaviors during the COVID-19 pandemic in İstanbul, Türkiye .....	995
<b>Pınar ATALI, Seyhan HIDIROĞLU, Alican SARISALTIK, Melda KARAVUŞ</b>	
Gastrointestinal bleeding among oral anticoagulant users: a comprehensive 7-year retrospective review using Türkiye's national health data system .....	1005
<b>Nuray YILMAZ ÇAKMAK, Naim ATA, Serdar Can GÜVEN, Emin GEMCİOĞLU, Murat ÇAĞLAYAN, Mahir ÜLGÜ, Şuayip BİRİNÇİ</b>	
Thoracic trauma in the geriatric population and possible preventive measures: a retrospective analysis of 261 cases ...	1013
<b>Mehmet ÇETİN, Necati SOLAK, Büşra ÖZDEMİR ÇİFLİK, İlteriş TÜRK, Sebahattin Sefa ERMANCIK, Koray AYDOĞDU</b>	
Comparison of combined deep and superficial serratus anterior block with thoracic paravertebral block for postoperative pain in patients undergoing video-assisted thoracoscopic surgery .....	1021
<b>Gülay ÜLGER, Musa ZENGİN, Onur KÜÇÜK, Ramazan BALDEMİR, Oya KAYBAL, Mehtap TUNÇ, Hilal SAZAK, Ali ALAGÖZ</b>	
Association of gait speed and handgrip strength with falls in older adults: the role of cognition .....	1033
<b>Neslihan KAYAHAN SATIŞ, Sultan KESKİN DEMİRCAN, Mehmet İlkin NAHARCI</b>	
Predictive value of preoperative Fried Frailty Phenotype assessment and serum biomarkers on the prognosis of elderly patients with femoral neck fracture under general anesthesia within 3 months after surgery .....	1043
<b>Fu XU, Xin KUANG, Baofeng CAO, Yang YUE</b>	
Trend shift in proximal humeral fracture treatment: a detailed review of national shoulder arthroplasty data .....	1052
<b>İbrahim BOZKURT, İbrahim KAYA, Umut ÖKTEM, Sinan YILMAZ, Naim ATA, Mustafa Mahir ÜLGÜ, Şuayip BİRİNÇİ, Fatih KARAASLAN, İzzet BİNGÖL, Durmuş Ali ÖÇGÜDER</b>	
Comparison of treatment methods in patients with developmental dysplasia of the hip .....	1060
<b>Burhan KURTULUŞ</b>	
Role of CT-based body composition parameters in the course of COVID-19 .....	1071
<b>Elçin AYDIN, Begüm ERGİN, Ezgi GÜVEL VERDİ, Özge COŞKUN, Şükrü ŞAHİN, Ali Haydar BAYKAN, Hilal ŞAHİN</b>	
Open surgical approach to fractures of the mandibular condyle: surgical technique and associated complications .....	1082
<b>Cenk DEMİRDÖVER, Alper GEYİK</b>	
Production and characterization of Zn- and Cu-doped Y <sub>2</sub> O <sub>3</sub> –Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> (YAS) glass microspheres .....	1092
<b>Fatma ÜNAL, Batur ERCAN</b>	
Phthalate exposure induces cell death and ferroptosis in neonatal microglial cells .....	1102
<b>Elif KELEŞ, Arzu ARAL, Zübeyir ELMAZOĞLU, Hasan Hüseyin KAZAN, Elif Gülcüçek ABBASOĞLU TOPA, Mehmet Ali ERGÜN, Hayrunnisa BOLAY</b>	

BRAF inhibitor candidate molecule usnic acid might use both intrinsic and extrinsic pathways of apoptosis .....	1116
<b>Burcu Pelin BÜYÜK, Demet CANSARAN DUMAN, Türker DUMAN</b>	
Loss of WWOX contributes to cisplatin resistance in triple-negative breast cancer cells by modulating miR-182 and miR-214 .....	1127
<b>Bahadir BATAR, Elif SERDAL, Berna ERDAL, Hasan OĞUL</b>	
Distribution and classifications of <i>PKHD1</i> gene variants in a Turkish population using the next generation sequencing method .....	1135
<b>Yüksel GEZGİN, Berkay KIRNAZ, Rauf BAYLAROV, Afig BERDELİ</b>	
Determination of risk factors influencing substance use among Turkish-origin immigrants in Germany .....	1147
<b>Enes EFENDİOĞLU, Lütfiye Hilal ÖZCEBE</b>	
The function of p97/valosin-containing protein (VCP) and small VCP-interacting protein (SVIP) in invasion and migration of pancreatic cancer cells .....	1154
<b>Ebru ALİMOĞULLARI, Sevil ÇAYLI</b>	
Vitamin D <sub>3</sub> alleviates intestinal injury in necrotizing enterocolitis and lipopolysaccharide-induced inflammatory response in dendritic cells in rats .....	1165
<b>Bo KE, Chaoyu LI, Song LI, Jingjing YAN, Leke SUN</b>	
Are serum thrombomodulin and interleukin-8 levels associated with disease severity and mortality in critically ill children with respiratory failure? .....	1175
<b>Dilan AKGÜN ÜNLÜ, Hazal Ceren TUĞRUL, Selen Ceren ÇAKMAK, Gürkan ATAY, Seher ERDOĞAN</b>	
Management of acute pain in adults with sickle cell disease: the experience of the Clinical Hematology Department of the University of Dakar .....	1185
<b>Alioune Badara DIALLO, Moussa SECK, Mohamed KEITA, Sokhna Aissatou TOURÉ, Elimane Seydi BOUSSO, Baron NGASIA, Blaise Félix FAYE, Fatma DIENG, Saliou DIOP</b>	