

VOLUME | ISSUE | YEAR  
53 | 1 | 2023  
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 Turkey

**TÜBİTAK**

# TURKISH JOURNAL OF MEDICAL SCIENCES

Editor-in-Chief

Assistant Editors in Chief

Murat KEKİLLİ, Gazi University, Turkey

Kürşat ALTINBAŞ, Selçuk University, Turkey

Zehra Sema ÖZKAN, Kırıkkale University, Turkey

Alpaslan TANOĞLU, University of Health Sciences, Turkey

VOLUME 53 • ISSUE 1 • 2023

ISSN 1300-0144 • E-ISSN 1303-6165

## 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

- Abdurrahman TUFAN, Gazi University, Turkey
- Abdülcelal Ümit İŞİK, Karadeniz Technical University, Turkey
- Adem GÜNGÖR, Ankara University, Turkey
- Adem ÖZKARA, Ankara Numune Education and Research Hospital, Turkey
- Ahmet DEMİRCAN, Gazi University, Turkey
- Ahmet Murad HONDUR, Gazi University, Turkey
- Ahmet Yağmur BAŞ, Yıldırım Beyazıt University, Turkey
- Ahu PAKDEMİRLİ, University of Health Sciences, Turkey
- Akın KAYA, Ankara University, Turkey
- Ali Fuat ERDEM, Sakarya University, Turkey
- Alpaslan TANOĞLU, İstanbul Sultan Abdülhamid Han Sample Training and Research Hospital, Turkey
- Atilla Halil ELHAN, Ankara University, Turkey
- Aydın HİM, Samsun Ondokuz Mayıs University, Turkey
- Aydın Şeref KÖKSAL, Sakarya University, Turkey
- Ayhan CÖMERT, Ankara University, Turkey
- Begüm ERGAN, Dokuz Eylül University, Turkey
- Berrin GÜNAYDIN, Gazi University, Turkey
- Bülent ALTUNKAYNAK, Gazi University, Turkey
- Bülent YALÇIN, Yıldırım Beyazıt University, Turkey
- Cem SAKA, Ankara Dışkapı Yıldırım Beyazıt Training & Research Hospital, Turkey
- Cengiz CANPOLAT, Acıbadem University, Turkey
- Deniz ERBAŞ, University of Kyrenia, Turkish Republic of Northern Cyprus
- Deniz KÖKSAL, Hacettepe University, Turkey
- Didem Tuba AKÇALI, Gazi University, Turkey
- Ebru ARHAN, Gazi University, Turkey
- Emre HURİ, Hacettepe University, Turkey
- Eralp BAŞER, Adana Numune Training and Research Hospital, Turkey
- Erdal Birol BOSTANCI, Sakarya University, Turkey
- Erhan ÇAPKIN, Karadeniz Technical University, Turkey
- Erkan YURTCU, Başkent University, Turkey
- Erman ÇAKAL, Ankara Dışkapı Yıldırım Beyazıt Training & Research Hospital, Turkey
- Ertuğrul KILIÇ, İstanbul Medipol University, Turkey
- Eskild PETERSEN, Ministry of Health Muscat Oman, Oman
- Fatih Süheyl EZGÜ, Gazi University, Turkey
- Feride İpek KOMŞUOĞLU ÇELİKYURT, Kocaeli University, Turkey
- Gürsel Levent OKTAR, Gazi University, Turkey
- Hakan AKBULUT, Ankara University, Turkey
- Hakan Yusuf SELEK, Gazi University, Turkey
- Hasan TEZER, Gazi University, Turkey
- Hasan YAZICI, Academic Hospital, Turkey
- Hatice Kibriya FİDAN, Gazi University, Turkey
- Hatice PAŞAOĞLU, Gazi University, Turkey
- Hayrunisa Bolay BELEN, Gazi University, Turkey
- Hülya BAŞAR, Ankara Education and Research Hospital, Turkey
- Hüseyin AYHAN, Yıldırım Beyazıt University, Turkey
- İbrahim Celalettin HAZNEDAROĞLU, Hacettepe University, Turkey
- Jing Xie, Johns Hopkins University, U.S.A.
- Kadir Bahadır ALEM DAROĞLU, University of Health Sciences, Turkey
- Kadir Mutlu HAYRAN, Hacettepe University, Turkey
- Kadriye Aydın TEZCAN, Kartal Dr. Lütfi Kırdar Training and Research Hospital, Turkey
- Kazime Gonca AKBULUT, Gazi University, Turkey
- Kıvanç ÇEFLE, İstanbul University, Turkey
- Kürşat ALTINBAŞ, Çankkale Onsekiz Mart University, Turkey
- Lütüye Özlem ATAY, Gazi University, Turkey
- Mark S. KINDY, Medical University of South Carolina, U.S.A.
- Mehmet Ali ERGÜN, Gazi University, Turkey
- Mehmet Ali NAHİTŞENDUR, Yıldırım Beyazıt University, Turkey
- Mehmet ÇİTRİK, Ankara Ulucanlar Health Research Center, Turkey
- Mehmet Derya DEMİRAG, University of Health Sciences, Turkey
- Mehmet Halil ÖZTÜRK, Karadeniz Technical University, Turkey
- Mehmet KOÇ, Selçuk University, Turkey
- Mehmet OKUMUŞ, Ankara Training and Research Hospital, Turkey
- Mehmet UĞURLU, Yıldırım Beyazıt University, Turkey
- Mehmet Yücel AĞARGÜN, Medipol University, Turkey
- Mehran MIDIA, McMaster University, Canada
- Meltem Gülhan HALİL, Hacettepe University, Turkey
- Meltem İŞİKGÖZ TAŞBAKAN, Ege University, Turkey
- Metin DOĞAN, Necmettin Erbakan University, Turkey
- Mevlana Derya BALBAŞ, Koc University, Turkey
- Mevlüt Recep PEKİCİ, Ankara Health Research Center, Turkey
- Murad BAVBEK, Yıldırım Beyazıt University, Turkey
- Murat ZİNNUROĞLU, Gazi University, Turkey
- Mustafa ALTAY, University of Health Sciences, Turkey
- Mustafa ARICI, Hacettepe University, Turkey
- Mustafa DURAN, University of Health Sciences, Turkey
- Mustafa Kemal KILIÇ, Ankara Research and Training Hospital, Turkey
- Mustafa Necmi İLHAN, Gazi University, Turkey
- Mustafa ÖZBEK, Ankara Dışkapı Yıldırım Beyazıt Training & Research Hospital, Turkey
- Nagihan UĞURLU, Yıldırım Beyazıt University, Turkey
- Nalan AKYÜREK, Gazi University, Turkey
- Necmettin AKDENİZ, İstanbul Mdeniyet University, Turkey
- Nihal DEMİREL, Yıldırım Beyazıt University, Turkey
- Nurdan BEDİRLİ, Gazi University, Turkey
- Oktay ALGIN, Yıldırım Beyazıt University, Turkey
- Onur ÖZLÜ, TOBB University of Economics & Technology, Turkey
- Onur TAYDAŞ, Sakarya University, Turkey
- Ömer KÜÇÜK, Emory University, U.S.A.
- Ömer Lütfi TAPISIZ, Etik Zübeyde Hanım Women's Health Training and Research Hospital, Turkey
- Özcan EREL, Ankara Atatürk Research and Training Hospital, Turkey
- Özden ÖZEMİŞÇİ TAŞKIRAN, Koç University, Turkey
- Özgür KASAPÇOPUR, İstanbul University-Cerrahpaşa, Turkey
- Özlem GÜZEL TUNÇCAN, Gazi University, Turkey
- Özlem UZUNLAR SAYLIK, Etik Zübeyde Hanım Women's Health Training and Research Hospital, Turkey
- Rafi Haner DİRESKENELİ, Marmara University, Turkey
- Salih MOLLAHALİLOĞLU, Ankara Yıldırım Beyazıt University, Turkey
- Selahattin ÖZMEN, Koç University, Turkey
- Selami AKKUŞ, Yıldırım Beyazıt University, Turkey
- Sema HÜCÜMENOĞLU, University of Health Sciences, Turkey
- Serdar KULA, Gazi University, Turkey
- Serdar TOPALOĞLU, Karadeniz Technical University, Turkey
- Sevim ERCAN, Gazi University, Turkey
- Sevim ERDEM ÖZDAMAR, Hacettepe University, Turkey
- Sibel VELİOĞLU, Karadeniz Technical University, Turkey
- Sinan SARI, Gazi University, Turkey
- Suat DOĞANCI, Gülhane Training and Research Hospital, Turkey
- Şahender Gülbın AYGENCEL BIKMAZ, Gazi University, Turkey
- Şemsettin OKUYUCU, Mustafa Kemal University, Turkey
- Ülker GÜL, Akdeniz University, Turkey
- Ümit BAĞRIAÇIK, Gazi University, Turkey
- Ümit Murat ŞAHİNER, Hacettepe University, Turkey
- Yahya BÜYÜKAŞIK, Hacettepe University, Turkey
- Yasuyuki KATO, International University of Health and Welfare, Japan
- Yeşim SÜCÜLLÜ KARADAĞ, University of Health Sciences, Turkey
- Zafer TÜRYILMAZ, Gazi University, Turkey
- Zeliha KOÇAK TUFAN, Yıldırım Beyazıt University, Turkey
- Zeynep MARAŞ ÖZDEMİR, İnönü University, Turkey

## ABSTRACTED AND INDEXED

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

# CONTENTS

Early assessment of extremity compartment syndrome by biochemical markers in a rat model .....	1
<b>Ahmet YILDIRIM, Özkan ÖNAL, Zeliha Esin ÇELİK, Hüsamettin VATANSEV, Esra PAYDAŞ HATAYSAL</b>	
Effect of crocin and losartan on biochemical parameters and genes expression of FRMD3 and BMP7 in diabetic rats..	10
<b>Yaser MOHAMMADI, Mohammad ZANGOUEI, Fatemeh SALMANI, Azam REZAEI FARIMANI</b>	
Effects of recurrent ketamine exposure on brain histopathology in juvenile rats .....	19
<b>Ayşe Hande ARPACI, Süheyla Esra ÖZKOÇER, Emel GÜNEŞ, Çiğdem ELMAS, Berrin IŞIK</b>	
Investigation of taurine and aqueous garlic extract diet supplementation effect on the healing of rat osteoporotic fractures .....	29
<b>Mesut MISIRLIOĞLU, İzzet BİNGÖL, Coşkun GENÇ, Aylin AKBULUT, Mert OCAK, Neziha Yağmur DIKER, Ahmet ÖZMERİÇ, Gökhan KOCA, Melike BAHÇECİTAPAR, Mehmet ŞENES, Ayşegül FIRAT, Fevziye Figen KAYMAZ, Hakan Hamdi ÇELİK, İffet İrem ÇANKAYA, Meliha KORKMAZ</b>	
The role of curcumin against paclitaxel-induced oxidative stress and DNA damage in testes of adult male rats.....	40
<b>Esra BALCIOĞLU, Özge GÖKTEPE, Fazile CANTÜRK TAN, Pınar BİLGİCİ, Birkan YAKAN, Saim ÖZDAMAR</b>	
An experimental study: the effect of <i>S. boulardii</i> on abemaciclib-induced diarrhea .....	51
<b>İbrahim Ethem CAKCAK, Yusuf Emre AYTİN, Sezin SAYIN, Ahmet KÜÇÜKARDA, Ali GÖKYER, İvo GÖKMEN, Erkan ÖZCAN, Selçuk KORKMAZ, Ebru TAŞTEKİN, İrfan ÇİÇİN</b>	
Evaluation of the effects of three natural products and a hemostatic agent on wound healing: an experimental study... 58	
<b>Ayşe ÇELİK YILMAZ, Dilek AYGİN</b>	
Is advanced bipolar vessel sealing device really effective in decreasing the pelvic lymphocele ratio in open surgery for endometrial cancer? .....	68
<b>Mehmet Ali NARİN, Sevda BAŞ, Sevtap SEYFETTİNOĞLU, Tuba YAR, Raziye NARİN</b>	
Primary versus secondary intraocular lens implantation following removal of congenital/developmental cataracts: outcomes after at least 4 years.....	77
<b>Ayşin Tuba KAPLAN, Sibel ÖSKAN YALÇIN, Ayşe Yeşim ORAL AYDIN</b>	
Postnatal surgery for myelomeningocele in neonates: neurodevelopmental outcomes .....	88
<b>Melek AKAR, Gülşah ÇETİN, Mine İNAL AKKAYA, Mehmet HELVACI, Nihal OLGAÇ DÜNDAR Fırat ERGİN, Özgün UYGUR, Sinem AKBAY, Nail ÖZDEMİR, Meltem KOYUNCU ARSLAN, Mehmet Yekta ÖNCEL</b>	
A new method for second toe flap revascularization in plantar dominant artery pattern - dorsal metatarsal artery interpositional graft.....	94
<b>Erhan SÖNMEZ, Ersin AKŞAM, İlker UYAR</b>	
Transbronchial lung cryobiopsy for the diagnosis of diffuse parenchymal lung disease: Pitfalls and challenges, a single center experience.....	100
<b>Kemal Can TERTEMİZ, Aylin Özgen ALPAYDIN, Nurcan GÜLER, Volkan KARAÇAM, Duygu GÜREL, Naciye Sinem GEZER</b>	
Can amniotic fluid protect developing fetal lungs against the harmful effects of oxidative stress? .....	109
<b>Levent KORKMAZ, Cumali ALAN, İsmail TOPAL, Mahir TAYFUR, Ali Seydi BOZKURT, CebraİL GÜRSUL, Osman BAŞTUĞ</b>	
Effects of breast milk on Behçet's disease clinical features.....	121
<b>Hatice Ecem KONAK, Abdulsamet ERDEN, Berkan ARMAĞAN, Serdar Can GÜVEN, Hakan APAYDIN, Pınar Akyüz DAĞLI, Yağnur UZUN, Merve KAYGISIZ, Orhan KÜÇÜKŞAHİN, AHMET OMMA</b>	

---

Decreased circulating microRNA-21 and microRNA-143 are associated to pulmonary hypertension.....	130
<b>Zekeriya DÜZGÜN, Meral KAYIKÇIOĞLU, Çağdaş AKTAN, Busra BARA, Zuhale EROĞLU, Burcu YAĞMUR, Vildan BOZOK ÇETİNTAŞ, Melike BAYINDIR, Sanem NALBANTGİL, Aslı TETİK VARDARLI</b>	
LAG-3 expression in tumor microenvironment of triple-negative breast cancer .....	142
<b>Gözde TAHTACI, Nazan GÜNEL, Aysu SADIÖĞLU, Nalan AKYÜREK, Oğulcan BOZ, Aytuğ ÜNER</b>	
Expression of laminin-1 and matrix metalloproteinase-9 in benign and malignant endometrium.....	149
<b>Zehra KÜÇÜKAYDIN, Mustafa BAŞARAN, Yaşar ÜNLÜ, Ahmet BAŞARAN, Mertihan KURDOĞLU</b>	
Determination of the effects of advanced glycation end products receptor polymorphisms and its activation on structural cell responses and inflammation in asthma.....	160
<b>Esra BİRBEN, Ümit Murat ŞAHİNER, Can Ömer KALAYCI</b>	
Serum vitamin D levels are associated with acute postoperative pain and opioid analgesic consumption after laparoscopic cholecystectomy: a stroke compliant prospective observational study.....	171
<b>Ökkeş Hakan MİNİKSAR, Ahmet YÜKSEK, Ayşe Yeşim GÖÇMEN, Mehmet Kağan KATAR, Mahmut KILIÇ, Mehtap HONCA</b>	
PSA change after antibiotic treatment should not affect decision-making on performing a prostate biopsy .....	183
<b>Yunus KAYALI, Mevlana Derya BALBAY, Abdullah İLKTAÇ, Cevper ERSÖZ, Hüseyin TOPRAK, Kayhan TARIM, Arzu BAYGÜL, Muzaffer AKÇAY, Bayram DOĞAN</b>	
Significance of the immunofluorescence staining patterns and titres of the antinuclear antibody test in paediatric rheumatology setting .....	193
<b>Özge BABA, Hakan KISAOĞLU, Mukaddes KALYONCU</b>	
The impact of antiphospholipid antibodies in Takayasu arteritis.....	199
<b>Esra FIRAT ŞENTÜRK, Abdulsamet ERDEN, Alper SARI, Berkan ARMAĞAN, Levent KILIÇ, Umut KALYONCU, Ömer KARADAĞ, Şule APRAŞ BİLGİN, Sedat KİRAZ, İhsan ERTENLİ, Ali AKDOĞAN</b>	
Long-term impact of sleeve gastrectomy on serum uric acid levels.....	206
<b>Birkan BİRBEN, Gökhan AKKURT, Mesut TEZ, Barış Doğu YILDIZ</b>	
Sacral neuromodulation treatment for urinary voiding dysfunctions: results of treatment with the largest single-center series in a tertiary referral center in Turkey.....	211
<b>Umut KÜTÜKOĞLU, Türker ALTUNTAŞ, Bahadır ŞAHİN, Rahmi ONUR</b>	
Does the presence of arthroscopically detected stage 1-2 glenohumeral osteoarthritis have any clinical impact on the outcome of arthroscopic rotator cuff repairs? .....	218
<b>Mehmet Ali TOKGÖZ, Tarık ELMA, Alieker YAPAR, Mustafa ÖZER, Muhammet Baybars ATAÖĞLU, Ulunay KANATLI</b>	
Cerebral monitoring of very preterm infants with anterior cerebral artery resistive index and early NIRS .....	225
<b>Mustafa Şenol AKIN, Fatma Nur SARI, Burak CERAN, Davut BOZKAYA, Esin OKMAN, Mihriban ALKAN, Evrim ALYAMAÇ DİZDAR</b>	
Needle electromyography abnormalities in the upper trapezius muscle in neuromuscular disorders.....	233
<b>Halit FİDANCI, Şencan BUTURAK, İlker ÖZTÜRK, Zülfikar ARLIER</b>	
Morphometric and topographic evaluations of principal nutrient foramina of the ilium .....	243
<b>Bahattin PASLI, Helin YÜCEDAĞ GÜNDOĞDU, Tuğçe TAŞKINDERE ABBASOĞLU, Burcu ERÇAKMAK GÜNEŞ</b>	
Cognitive outcomes of transcranial magnetic stimulation in treatment-resistant depression: a randomized controlled study.....	253
<b>Tahir YILDIZ, Nalan Kalkan OĞUZHANOĞLU, Osman Zülkif TOPAK</b>	

---

Use of dual energy CT urography in evaluation of urinary stone and complex cyst.....	264
<b>Mehmet GEZER, Leyla KARACA, Zeynep MARAŞ ÖZDEMİR, Ayşegül KAHRAMAN, Fatih OĞUZ, Fatih ERBAY Hüseyin YETİŞ</b>	
Is it the subcoracoid impingement or the subacromial impingement that tears the subscapularis tendon? A comparison of the MRI findings of the operated and healthy shoulders of the patients.....	273
<b>Mehmet ÇETİNKAYA, Ahmet Yiğit KAPTAN, Coşkun ULUCAKÖY, Özlem ORHAN Murat TOPAL, Tacettin AYANOĞLU, Ulunay KANATLI</b>	
A new ventricular index based on coronal brain magnetic resonance images in patients with idiopathic normal pressure hydrocephalus.....	282
<b>Yunus YILMAZSOY, Serdar ARSLAN, Adnan ÖZDEMİR, Bora KORKMAZER, Osman KIZILKILIÇ, Ali Metin KAFADAR</b>	
Quantitative and visual analyses of the effect of activity reduction on image metrics and quality in 18F-FDG PET/MRI in pediatric oncology.....	289
<b>Uğuray AYDOS, Erdem BALCI, Seda GÜLBAHAR ATEŞ, Ümit Özgür AKDEMİR, Ceyda KARADENİZ, Lütifiye Özlem ATAY</b>	
The role of elastography in the assessment of thyroid nodules in acromegaly.....	303
<b>Hakan DÜĞER, Muhammed KIZILGÜL, Pınar AKHANLI, Murat ÇALAPKULU, Hayri BOSTAN, Sema HEPŞEN, Ümran GÜL, Muhammed Erkam SENCAR, Erman ÇAKAL, Bekir UÇAN</b>	
Tularemia seroprevalence in humans in the region of the Hittite-Arzawa War (Inner Aegean Region), where the first biological weapon was used 3300 years ago.....	310
<b>İsmail DAVARCI, Canan ERYILDIZ, Duygu PERÇİN RENDERS, Ufuk BERBEROĞLU, Şaban GÜRCAN</b>	
Characteristics of diabetes mellitus patients in Turkey: An analysis of national electronic health records.....	316
<b>Mustafa Mahir ÜLGÜ, Kemal Hakan GÜLKESEN, Abdullah AKÜNAL, Mustafa Okan AYVALI, Neşe ZAYİM, Şuayip BİRİNCİ, Mustafa Kemal BALCI</b>	
Retrospective analysis of effectiveness of fingolimod in real life setting in Turkey (REFINE).....	323
<b>Aslı TUNCER, Murat KÜRTÜNCÜ, Murat TERZİ, Uğur UYGUNOĞLU, Cansu GÖNCÜOĞLU, Ayşe Nur YÜCEYAR, Özgül EKMEKÇİ, Recai TÜRKOĞLU, Aysun SOYSAL, Mesrure KÖSEOĞLU, Cavit BOZ, Yeşim BECKMANN, Ömer Faruk TURAN, Meltem DEMİRKIRAN, Gülşen AKMAN, Burcu ALTUNRENDE, İlknur AYDIN CANTÜRK, Erkingül BİRDAY, Abdulcemel ÖZCAN, Özden KAMIŞLI, Nazire Pınar ACAR ÖZEN, Rabia Gökçen GÖZÜBATIK ÇELİK, Belgin PETEK BALCI, Hüsnü EFENDİ, Cansu SARIKAYA, Aylin AKÇALI, Münire KILINÇ, Sibel CANBAZ KABAY, Ferah KIZILAY, Serhan SEVİM, Gülcan BARAN GAZALOĞLU, Caner Feyzi DEMİR, Ferhat BALGETİR, Nefati KIYLIOĞLU, Hande SARIAHMETOĞLU, Çağcan ÖLMEZ, Kamil MAVİ, Süha YÜKSEL, Nihal IŞIK, Sabahattin SAİP, Rana KARABUDAK, Aksel SİVA, Mefküre ERAKSOY</b>	
COVID-19 modeling based on real geographic and population data .....	333
<b>Emir BAYSAZAN, A. Nihat BERKER Hasan MANDAL, Hakan KAYGUSUZ</b>	
Risk factors for ICU mortality in patients with hematological malignancies: a single-center, retrospective cohort study from Turkey .....	340
<b>Gülbin AYGENCEL, Onur GÖKÇE, Merve HAŞİMOĞLU, Nazlıhan BOYACI DÜNDAR, Melda TÜRKOĞLU, Zeynep Arzu YEĞİN, Zübeyde Nur ÖZKURT, Münci YAĞCI</b>	
A single-center experience of haploidentical stem cell transplantation in hematological malignancies .....	352
<b>Ümit Yavuz MALKAN, Hakan GÖKER, Haluk DEMİROĞLU, Fatma TEKİN, Buket AKDEMİR, Elifcan ALADAĞ KARAKULAK, Nilgün SAYINALP, İbrahim Celalettin HAZNEDAROĞLU, Osman İlhami ÖZCEBE, Yahya BÜYÜKAŞIK</b>	
Characteristics of children with cat sensitivity: a prospective cross-sectional study .....	360
<b>Ezgi ULUSOY SEVERCAN, Nevzat BAŞKAYA, Ayşegül ERTUĞRUL, Zeynep ŞENGÜL EMEKSİZ, İlknur BOSTANCI</b>	

Predictors of two-year mortality in patients with dementia with Lewy bodies.....	366
<b>Neslihan KAYAHAN SATIŞ, Mehmet İlkin NAHARCI</b>	
Analgesic efficacy of ultrasound-guided bilateral transversus abdominis plane block in children: retrospective analysis of 97 cases .....	374
<b>H. Kutluk PAMPAL, Selin EREL, Semin TURHAN, Asiye UĞRAŞ DİKMEN, Berrin IŞIK</b>	
Evaluation of prognostic scoring systems in patients hospitalized from the emergency department in a low-income region: northern Syria after internal turmoil as a different universe.....	382
<b>Burak ÇELİK, Bahadır KARACA</b>	
Comparison of the prognoses of laryngeal preneoplastic lesions based on Ljubljana and World Health Organization classifications.....	396
<b>Ersoy DOĞAN, Cafer BORAN, Mustafa Cüneyt CEVİZCİ, Sülen SARIOĞLU</b>	
Impaired trunk control and its relationship with balance, functional mobility, and disease severity in patients with cervical dystonia .....	405
<b>Fatih SÖKE, Nigar Esra ERKOÇ ATAĞLU, Mehmet Fevzi ÖZTEKİN, Bilge KOÇER, Selda KARAKOÇ, Çağrı GÜLŞEN, Selim Selçuk ÇOMOĞLU, Ayşe BORA TOKÇAER</b>	
Do the presence, size, and shape of plantar calcaneal spurs have any significance in terms of pain and treatment outcomes in patients with plantar fasciitis? .....	413
<b>Mehmet OKÇU, Figen TUNCAY, Fatmanur Aybala KOÇAK, Yakup ERDEN, Mustafa Yemliha AYHAN, Samet Sancar KAYA</b>	
The possible relation between temporal muscle mass and glioblastoma multiforme prognosis via sarcopenia perspective ...	420
<b>Osman SÜTCÜOĞLU, Zeynep Sezgi ERDAL, Orhun AKDOĞAN, Emrah ÇELTİKÇİ, Nuriye ÖZDEMİR, Ahmet ÖZET, Murat UÇAR, Ozan YAZICI</b>	
Reliability and validity of the Turkish version of the elder abuse suspicion index in community-dwelling older adults.....	432
<b>Eray Serdar YURDAKUL, Betül Gülsüm YAVUZ VEİZİ, Candeniz AVCI, Hatice Tuğba YAZIR, Elif AVANER, Mehmet İlkin NAHARCI, Oktay SARI</b>	

---