

VOLUME | ISSUE | YEAR  
49 | 2 | 2019  
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**

## 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).

## ABSTRACTED AND INDEXED

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

# CONTENTS

Characterization and haplotype study of 6 novel STR markers related to the KCNQ1 gene in heterogeneous cardiovascular disorders in the Iranian population.....	453
<b>Azam AMIRIAN, Zahra ZAFARI, Zohreh SHARIFI, Alireza KORDAFSHARI, Morteza KARIMIPOOR, Sirous ZEINALI</b>	
Urinary phytate concentration and risk of fracture determined by the FRAX index in a group of postmenopausal women.....	458
<b>ANGEL A. LOPEZ-GONZALEZ, FELIX GRASES, BARTOLOME MARÍ, MATIAS TOMÁS-SALVÁ, ADRIAN RODRIGUEZ</b>	
Long-term monitoring of Graves' disease in children and adolescents: a single-center experience.....	464
<b>Selma TUNÇ, Özge KÖPRÜLÜ, Hatice ORTAÇ, Özlem NALBANTOĞLU, Ceyhun DİZDARER, Korcan DEMİR, Behzat ÖZKAN</b>	
The distribution of MEFV mutations in Turkish FMF patients: multicenter study representing results of Anatolia .....	472
<b>N. Şule YAŞAR BİLGE, İsmail SARI, Dilek SOLMAZ, Soner ŞENEL, Hakan EMMUNGİL, Levent KILIÇ, Sibel YILMAZ ÖNER, Fatih YILDIZ, Sedat YILMAZ, Duygu ERSÖZLÜ BOZKIRLI, Müge AYDIN TUFAN, Sema YILMAZ, Veli YAZISIZ, Yavuz PEHLİVAN, Cemal BES, Gözde YILDIRIM ÇETİN, Şükran ERTEN, Emel GÖNÜLLÜ, Fezan ŞAHİN, Servet AKAR, Kenan AKSU, Umut KALYONCU, Haner DİRESKENELİ, Eren ERKEN, Bünyamin KISACIK, Mehmet SAYARLIOĞLU, Muhammed ÇINAR, Timuçin KAŞİFOĞLU</b>	
Irak-4 rs4251481 gene variant: as a risk factor on inflammatory bowel disease.....	478
<b>Gonca CANDAN, Resul KAHRAMAN, Arzu ERGEN</b>	
Seroprevalence of hantavirus and <i>Borrelia burgdorferi</i> in Düzce (Turkey) forest villages and the relationship with sociodemographic features .....	483
<b>Nida AKAR, Emel ÇALIŞKAN, Cihadiye Elif ÖZTÜRK, Handan ANKARALI, Özge KILINÇEL, Şükrü ÖKSÜZ, İdris ŞAHİN</b>	
Influence of LRP5 (rs556442) polymorphism on insulin resistance in healthy Iranian children and adolescents.....	490
<b>Nima MONTAZERI-NAJAFABADY, Mohammad Hossein DABBAGHMANESH, Rajeeh MOHAMMADIAN AMIRI, Marzieh BAKHSHAYESHKARAM, Gholamhossein RANJBAR OMRANI</b>	
Reference ranges for serum immunoglobulin (IgG, IgA, and IgM) and IgG subclass levels in healthy children.....	497
<b>Rumeysa Olcay BAYRAM, Hülya ÖZDEMİR, Ayça EMSEN, Hatice TÜRK DAĞI, Hasibe ARTAÇ</b>	
Mortality predictors of patients suffering of acute pancreatitis and development of intraabdominal hypertension .....	506
<b>Maja STOJANOVIC, Petar SVORCAN, Aleksandar KARAMARKOVIC, Nebojsa LADJEVIC, Radmilo JANKOVIC, Predrag STEVANOVIC</b>	
Audiometric threshold shifts after total knee arthroplasty by using gentamicin-loaded bone cement.....	514
<b>Adem ÇÖBDEN, Yalkın ÇAMURCU, Serap BULUT ÇÖBDEN, Hakan SOFU, Hanifi ÜÇPUNAR, Ahmet SEVENCAN, Hüseyin DEMİREL</b>	
Percutaneous navigable intradiscal decompression in treatment of lumbar disc herniation: a single-center experience.....	519
<b>Ayşegül CEYLAN, İbrahim AŞIK</b>	
High neutrophil-to-lymphocyte ratio predicts acute allograft rejection in kidney transplantation: a retrospective study.....	525
<b>Giray ERGİN, S. Müge DEĞER, Burak KÖPRÜ, Ülver DERİCİ, Turgay ARINSOY</b>	
Glutamate transporter SLC1A1 is associated with clear cell renal cell carcinoma .....	531
<b>Sercan ERGÜN, Sezgin GÜNEŞ, Recep BÜYÜKALPELLİ, Oğuz AYDIN</b>	
The association of reduced bone density with paraspinal muscle atrophy and adipose tissue in geriatric patients: a cross-sectional CT study.....	538
<b>Elif Evrim EKİN, Muhittin Emre ALTUNRENDE</b>	

---

Mild to moderate proteinuria is a heralding sign for acute kidney injury and mortality for intensive care unit patients.....	543
<b>Hasan H. YETER, Tolga YILDIRIM, Damla EYÜPOĞLU, Tural PAŞAYEV, Abdullah ASLAN, Sıla ÇETİK, Ömer AKÇAY, Arzu TOPELİ, Mustafa ARICI</b>	
Prevalence of atopy and allergic rhinitis in patients with adult non-cystic fibrosis bronchiectasis .....	551
<b>Elif Yelda NİKSARLIOĞLU, Rana IŞIK, Mehmet Atilla UYSAL, Derya ÜNAL, Güngör ÇAMSARI</b>	
The results of nasopharyngeal cancer patients treated by simultaneous integrated boost technique and concomitant chemotherapy .....	558
<b>Mehmet Faik CETİNDAG, Atiye Yılmaz ÖZSAVRAN, Bülent YALÇIN, İclal ÇETİNDAG, Karabekir ERCAN, Şeyda TÜRKÖLMEZ, Dinçer YEĞEN</b>	
Validity and reliability study of the Turkish version of the Postoperative Recovery Index of patients undergoing surgical intervention .....	566
<b>Hande CENGİZ, Dilek AYGİN</b>	
Reliability, validity, and cross-cultural adaptation study of the Turkish version of the Patient-Rated Wrist/Hand Evaluation questionnaire.....	574
<b>Deniz ÖKE TOPCU, Sevgi İKBALİ AFŞAR</b>	
Evaluation of sarcopenia, sarcopenic obesity, and phase angle in geriatric gastrointestinal cancer patients: before and after chemotherapy.....	583
<b>Derya HOPANCI BIÇAKLI, Rüksan ÇEHRELİ, Ahmet ÖZVEREN, Recı MESERİ, Rüçhan USLU, Mehmet UYAR, Bülent KARABULUT, Fehmi AKÇİÇEK</b>	
Investigation of the relationship between ischemic stroke and endothelial nitric oxide synthase gene polymorphisms [G894T, intron 4 VNTR and T786C] .....	589
<b>Süleyman Ömer ANLIAÇIK, Serhat TOKGÖZ, Ayşe Gül ZAMANİ, Mahmut Selman YILDIRIM, Mehmet Sinan İYİSOY</b>	
The efficacy and safety of targeted narrowband UVB therapy: a retrospective cohort study .....	595
<b>Kübra ESEN SALMAN, İlknur KIVANÇ ALTUNAY, Andaç SALMAN</b>	
Relationship between the earlobe crease and brain white matter abnormalities in apparently healthy subjects.....	604
<b>Hatice Ayça ATA KORKMAZ</b>	
Results of home-based modified combined decongestive therapy in patients with lower extremity lymphedema .....	610
<b>Alis KOSTANOĞLU, Meltem RAMOĞLU, Ethem GÜNEREN</b>	
Assessment of cardiac and vessel functions in childhood psoriasis.....	617
<b>Berna ŞAYLAN ÇEVİK, Figen AKALIN, Elif EROLU, Seçkin GENÇOSMANOĞLU, Tülin ERGUN</b>	
Elevated neutrophil to lymphocyte ratio as an indicator of secondary erythema nodosum, a retrospective observational study .....	624
<b>Yıldız HAYRAN, Ayşe ÖKTEM, Buket ŞAHİN, Pınar İNCEL UYSAL, Nuran ALLI, Başak YALÇIN</b>	
Optimum recording time of routine electroencephalogram for adults with epilepsy .....	635
<b>Kemal TUTKAVUL, Yılmaz ÇETİNKAYA</b>	
Analyzing the effect of laparoscopy duration time on peroperative gastroesophageal reflux.....	639
<b>Gökhan Berktuğ BAHADIR, Hakan TAŞKINLAR, Caner İSBİR, İsa KILLI, Dilek YÜNLÜEL, Ülkü ÖMELEKOĞLU, Ali NAYCI</b>	
Efficacy of chemical shift MRI for differentiating diffuse red bone marrow reconversion and hematological malignancies.....	644
<b>Burcu AKMAN, Hatice Ayça ATA KORKMAZ, Ahmet SARI</b>	

Is there any difference between endometrial hyperplasia and endometrial carcinoma in terms of expression of TRPM2 and TRPM7 ion channels? .....	653
<b>Emre YALÇIN, Şehmus PALA, Remzi ATILGAN, Tuncay KULOĞLU, Ebru ÖNALAN, Gökhan ARTAŞ, İlay BURAN</b>	
The impact of JAK/STAT inhibitor ruxolitinib on the genesis of lymphoproliferative diseases.....	661
<b>Can TÜRK, Müfide OKAY, Seyhan TÜRK, Elif Sena TEMİRCİ, Osama JAVAD, Salih AKSU, Nilgün SAYINALP, İbrahim Celalettin HAZNEDAROĞLU</b>	
Antibiotic resistance pattern and <i>spa</i> types of <i>Staphylococcus aureus</i> strains isolated from food business and hospital kitchen employees in Çanakkale, Turkey .....	675
<b>Nesrin ÇAKICI, Alper AKÇALI, Nükhet Nilüfer DEMİREL ZORBA</b>	
In vitro combination of tigecycline with other antibiotics in <i>Stenotrophomonas maltophilia</i> isolates.....	683
<b>Dilek KARAMANLIOĞLU, Murat DİZBAY</b>	
Down-regulation of circular RNA <i>ITCH</i> and <i>circHIPK3</i> in gastric cancer tissues.....	687
<b>Sara GHASEMI, Modjtaba EMADI-BAYGI, Parvaneh NIKPOUR</b>	
Protective effects of ghrelin on kidney tissue in rats with partial ureteral obstruction .....	696
<b>Serhan ÇİMEN, Cemal TAŞDEMİR, Nigar VARDI, Burhan ATEŞ, Seda TAŞDEMİR, Ayla ÖZAYDOĞDU ÇİMEN</b>	

---