



Journal of

e-ISSN: 2636-8579

HEALTH SCIENCES & MEDICINE

VOLUME: 3 ISSUE: 2 YEAR: 2020

SAĞLIK BİLİMLERİ ve TIP DERGİSİ



JHSM



Journal of Health Sciences and Medicine

Sağlık Bilimleri ve Tıp Dergisi

April / Nisan 2020, Volume / Cilt: 3, Issue / Sayı: 2

Published Quarterly / Üç ayda bir yayımlanır

HONORARY EDITOR / ONURSAL EDİTÖR

Osman GÜLER

Department of General Surgery, School of Medicine,
Kastamonu University, Kastamonu

EDITORS / EDİTÖRLER

Murat KEKİLLİ

Department of Gastroenterology, School of Medicine,
Gazi University, Ankara

Ercan YUVANÇ

Department of Urology, School of Medicine, Kırıkkale University, Kırıkkale

ENGLISH LANGUAGE EDITOR İNGİLİZCE DİL EDİTÖRÜ

Mustafa ŞAHİN

Department of Clinical Biochemistry, Hitit University Erol Olçok Training
and Research Hospital, Çorum

EDITOR-IN-CHIEF / BAŞ EDİTÖR

Aydın ÇİFCİ

Department of Internal Medicine, School of Medicine,
Kırıkkale University, Kırıkkale

ASSOCIATE EDITOR / YARDIMCI EDİTÖR

Oğuz EROĞLU

Department of Emergency Medicine, School of Medicine,
Kırıkkale University, Kırıkkale

Bekir UÇAN

Department of Endocrinology, Dışkapı Yıldırım Beyazıt Training and
Research Hospital, Ankara

STATISTICS EDITOR İSTATİSTİK EDİTÖRÜ

AHSEN CEYLAN

Medical Devices Technical Regulation Expert, Clinical Expert, UDEM,
Ankara

EDITORIAL BOARD / EDİTÖR KURULU

Harun AKAR

Department of Internal Medicine, Tepecik Training and Research Hospital,
İzmir

Ayşegül ALTUNKESER

Department of Radiodiagnostic, Konya Training and Research Hospital,
Konya

Nilgün ALTUNTAŞ

Department of Neonatology, Yenimahalle Training and Research Hospital,
Yıldırım Beyazıt University, Ankara

Mehmet BAŞTEMİR

Department of Endocrinology, School of Medicine, Sanko University,
Gaziantep

Nuray BAYAR MULUK

Department of Ear Nose Throat, School of Medicine, Kırıkkale University,
Kırıkkale

Ela CÖMERT

Department of Ear Nose Throat, School of Medicine, Kırıkkale University,
Kırıkkale

Kenan ÇADIRCI

Department of Internal Medicine, Erzurum Region Training and Research
Hospital, Erzurum

Abdullah ÇAĞLAR

Department of Food Engineering, School of Engineering, Afyon Kocatepe
University, Afyon

Mustafa ÇAPRAZ

Department of Internal Medicine, School of Medicine, Amasya University,
Amasya

Mehmet Emin DEMİR

Department of Nephrology, Gaziosmanpaşa Hospital, Yeni Yüzyıl University,
İstanbul

Özlem ER

Department of Medical Oncology, School of Medicine, Acıbadem University,
İstanbul

Süleyman GÖKMEN

Department of Food Engineering, School of Engineering, Karamanoğlu
Mehmetbey University, Karaman

Nihal HATİPOĞLU

Department of Pediatric Endocrinology, School of Medicine, Erciyes
University, Kayseri

Mahmut KALEM

Department of Orthopedics and Traumatology, School of Medicine, Ankara
University, Ankar

Muhammed KARADENİZ

Department of Cardiology, School of Medicine, Kırıkkale University,
Kırıkkale

Ebru OLGUN

Department of Periodontology, School of Dentistry, Kırıkkale University,
Kırıkkale

Faruk PEHLİVANLI

Department of General Surgery, School of Medicine, Kırıkkale University,
Kırıkkale

İbrahim Ethem PİŞKİN

Department of Pediatrics, School of Medicine, Bülent Ecevit University,
Zonguldak

Ünsal SAVCI

Department of Clinical Microbiology, Hitit University Erol Olçok Training
and Research Hospital, Çorum

Murat SONGÜR

Department of Orthopedics and Traumatology, School of Medicine, Bülent
Ecevit University, Zonguldak

Mehmet ŞAHİN

Department of Romatology, School of Medicine, Süleyman Demirel
University, Isparta

Ziya ŞENCAN

Department of Ear Nose Throat, School of Medicine, Kırıkkale University,
Kırıkkale

Gökçe ŞİMŞEK

Department of Ear Nose Throat, School of Medicine, Kırıkkale University,
Kırıkkale

Fatih TEKİN

Department of Plastic, Reconstructif and Aesthetic Surgery, Keçiören
Training and Research Hospital, Ankara

Yaşar TOPAL

Department of Pediatrics, School of Medicine, Muğla Sıtkı Koçman
University, Muğla

Ayça TÖREL ERGÜR

Department of Pediatric Endocrinology, School of Medicine, Ufuk
University, Ankara

Alpaslan TUZCU

Department of Endocrinology, School of Medicine, Dicle University,
Diyarbakır

M İlkin YERAL

Department of Gynecology and Obstetrics, School of Medicine, Akdeniz
University, Antalya

Kadri YILDIZ

Department of Orthopedics and Traumatology, School of Medicine, Kafkas
University, Kars

PUBLICATION BOARD / YAYIN KURULU

Behlül Bülent ALTUNKESER

Department of Cardiology, School of Medicine, Selçuk University, Konya

Fevzi ALTUNTAŞ

Department of Hematology, Dr. Abdurrahman Yurtaslan Ankara Onkoloji Training and Research Hospital, Yıldırım Beyazıt University, Ankara

Fatih BATTAL

Department of Pediatrics, School of Medicine, Çanakkale 18 Mart University, Çanakkale

Mustafa CESUR

Department of Endocrinology, Ankara Güven Hospital, Ankara

Salih CESUR

Department of Infectious Diseases and Clinical Microbiology, Ankara Training and Research Hospital, Ankara

Aylin ÇAPRAZ

Department of Chest Diseases, School of Medicine, Amasya University, Amasya

Ayşe ÇARLIOĞLU

Department of Endocrinology, School of Medicine, Lokman Hekim University, Ankara

Murat DOĞAN

Department of Internal Medicine, Hitit University Erol Olçok Training and Research Hospital, Çorum

Yeşim GÜZEYARAS

Department of Neurology, School of Medicine, Sakarya University, Sakarya

Meltem HENDEK

Department of Periodontology, School of Dentistry, Kırıkkale University, Kırıkkale

Mustafa KAPLAN

Department of Gastroenterology, Kırşehir Ahi Evran University Training and Research Hospital, Kırşehir

Ömer KURTİPEK

Department of Anesthesiology and Reanimation, School of Medicine, Gazi University, Ankara

Fatma NİŞANCI KILIÇ

Department of Nutrition and Dietetic, School of Health Sciences, Kırıkkale University, Kırıkkale

Kevser TÖRE ONBAŞI

Department of Endocrinology, School of Medicine, Kütahya Dumlupınar University, Kütahya

Gülner TARHAN

Department of Microbiology, School of Medicine, Adıyaman University, Adıyaman

Engin TUTKUN

Department of Public Health, School of Medicine, Bozok University, Yozgat

Özge VERGİLİ

Department of Physiotherapy, School of Health Sciences, Kırıkkale University, Kırıkkale

Yücel YILMAZ

Department of Cardiology, Kayseri Training and Research Hospital, Kayseri

Mehmet ZENGİN

Department of Pathology, School of Medicine, Kırıkkale University, Kırıkkale

INTERNATIONAL EDITORIAL ADVISORY BOARD / ULUSLARARASI EDİTÖRİYEL DANIŞMA KURULU

Michele CASSANO

Department of Ear Nose Throat, Foggia, ITALY

Can CEDİDİ

Department of Plastic, Reconstructif and Aesthetic Surgery, Bremen, GERMANY

Bahadır CELEP

Department of General Surgery and Gastroenterologic Surgery, Viyana, AUSTRIA

Demetrios DEMETRIADES

Department of General and Trauma and Critical Care Surgery, Los Angeles, USA

Zaim JATIC

Department of Family Medicine, Sarajevo, BOSNIA-HERZEGOVINA

Hakan KAYA

Department of Medical Oncology Hematology, Spokane, USA

Ranko MLADINA

Department of Ear Nose Throat, Zagreb, CROATIA

Neven SKITARELİC

Department of Ear Nose Throat, Zadar, CROATIA

Vedat TOPSAKAL

Department of Ear Nose Throat, Antwerp, BELGIUM

Emre VURAL

Department of Ear Nose Throat, Arkansas, USA

FRANCHISE OWNER / İMTİYAZ SAHİBİ

Aydın ÇİFCİ

DESIGN / TASARIM

İbrahim YIKILMAZ

E-mail / E-posta: iyikilmaz@gmail.com

CORRESPONDENCE ADDRESS / YAZIŞMA ADRESİ

Aydın ÇİFCİ

Kırıkkale University, School of Medicine, Department of Internal Medicine, 71450, Yahşihan, Kırıkkale

E-mail / E-posta: dr.aydin.71@hotmail.com

Phone /Tel: +90 318 333 50 00

ARTICLE SUBMISSION ADDRESS / MAKALE GÖNDERME ADRESİ

<https://dergipark.org.tr/tr/journal/2316/submission/step/manuscript/new>

EDITORIAL

This year we are excited and proud to publish our 2nd issue with 20 articles. In this issue, there are 15 research articles, 2 reviews, and 3 case reports. As getting to know of our journal, we continue to receive articles from other countries. This journal appeals to all fields of health sciences and medicine. For this reason, we also accept articles from different branches of nursing, nutrition and dietetics, child development, health management, dentistry and health. The majority of our articles is in English and there are also articles in Turkish. With the next year, we will plan to publish all articles in English. In this way, we aim to both get more citations and get the ISI (Web of Science) index, which will open the way to enter indices such as SCI and SCI-E. Thanks for the authors for submitting articles that contribute to quality and science. Our goal is to reach better points with your support day by day. Sincerely yours.

Assoc. Prof. Dr. Aydın ÇİFCİ
Editor in Chief

EDİTÖRDEN

Bu yıl 2. sayımızı da 20 makale ile çıkartmanın heyecanı ve gururunu yaşıyoruz. Bu sayımızda 15 araştırma makalesi, 2 derleme, 3 olgu sunumu var. Dergimizin tanınırlığı arttıkça yurtdışından da makale almaya devam ediyoruz. Sağlık bilimleri ve tıbbın her alanına hitap eden bir dergidir. Bu nedenle dönem dönem hemşirelik, beslenme ve diyetetik, çocuk gelişimi, sağlık yönetimi, diş hekimliği ve sağlıkla ilgili farklı branşlardan da makaleler kabul etmekteyiz. Makalelerin çoğunluğu İngilizce, ayrıca Türkçe makaleler de var. Önümüzdeki yıl ile birlikte tüm makaleleri İngilizce yayımlamayı planlıyoruz. Bu sayede hem daha çok atıf almayı hem de SCI ve SCI-E gibi indekslere girmenin yolunu açacak ISI (Web of Science) indeksine girmeyi hedefliyoruz. Kaliteli ve bilime katkısı olan makaleleri gönderdikleri için yazarlara teşekkür ediyorum. Hedefimiz sizlerin de desteği ile her geçen gün daha iyi noktalara ulaşabilmek. Saygılarımla.

Doç. Dr. Aydın ÇİFCİ
Baş Editör

Research Article / Araştırma Makalesi

The relationship between serum homocysteine levels and development of coronary collateral circulation in patients with acute coronary syndrome 92

Akut koroner sendromlu hastalarda serum homosistein düzeyleri ile koroner kollateral dolaşım gelişimi arasındaki ilişki

Effects of tryptophan, a precursor for melatonin, on IVF outcomes and Doppler parameters 97

Melatoninin kaynağı triptofanın IVF hastalarının sonuçlarına ve Doppler parametrelerine etkisi

Factors influencing study of physiotherapy and preferred choice of specialization among final year physiotherapy students in Nigeria 102

Monocyte to HDL ratio as an indicator of subclinical atherosclerosis in diabetic retinopathy 109

Diyabetik retinopatide subklinik aterosklerozun bir göstergesi olarak monosit /HDL oranı

The significance of ankle-brachial index in determining peripheral artery disease in patients with type 2 diabetes mellitus over 40 years of age and the relationship of peripheral artery disease with chronic complications of diabetes..... 115

Kırk yaş üzeri tip 2 diabetes mellituslu hastalarda ayak bileği kol indeksinin periferik arter hastalığını saptamadaki değeri ve periferik arter hastalığının diyabetin kronik komplikasyonları ile ilişkisi

Interobserver reliability in the ultrasonography evaluation with Graf method of developmental dysplasia of the hip: the importance of education for ultrasonography classification 121

Gelişimsel kalça displazisinin Graf yöntemiyle ultrasonografi değerlendirmesinde gözlemciler arası güvenilirlik: ultrasonografi sınıflamasında eğitimin önemi

Konsantre büyüme faktörünün random patern cilt flep yaşayabilirliği üzerine etkisi: deneysel çalışma 125

Effect of concentrated growth factor on random pattern skin flap viability: experimental study

Radyoterapi çalışanlarının maruz kaldığı radyasyon miktarının dozimetrik değerlendirilmesi 132

Dosimetric evaluation of the ramount of radiation exposure on radiotherapy workers

The value of late phase imaging with FDG-PET/CT in liver metastases of colorectal carcinoma..... 137

Kolorektal kanserli hastalarda metastatik karaciğer lezyonlarının geç faz FDG-PET/BT görüntülemesinin değerlendirilmesi

Dahiliye polikliniğine başvuran tip 2 diyabet hastalarında başvuru anındaki klinik ve laboratuvar verilerinin retrospektif incelenmesi..... 144

Retrospective analysis of clinical and laboratory data at the time of admission in type 2 diabetic patients admitted to the internal medicine outpatient clinic

***Rheum ribes L.*'nin etanol ekstraktlarının malign melanoma hücreleri üzerine anti-kanser etkinliği..... 148**

*The anti-cancer effect of *Rheum ribes L.*'s ethanol extracts on malign melanoma cells*

Prevalence and risk factors of hemodynamic instability during endoscopic transsphenoidal pituitary surgery: a retrospective analysis 153

Endoskopik transsfenoidal hipofiz cerrahisi sırasında hemodinamik instabilite prevalansı ve risk faktörleri: retrospektif bir analiz

Noninvasive assesment in differentiating benign and malign pancreatic lesions with endosonographic elastography score and strain ratio 158

Benign ve malign pankreas lezyonlarının ayırıcı tanısının endosonografik elastografi skoru ve sertlik oranları ile noninvaziv değerlendirilmesi

The effects of dialysis modalities on sexual hormone levels in male patients..... 166

Erkek hastalarda diyaliz modalitelerinin cinsel hormon düzeyleri üzerine etkisi

Investigation of the neutrophil/lymphocyte and monocyte to high-density lipoprotein cholesterol ratios in differentiated thyroid cancers 172

Diferansiye tiroid kanserlerinde nötrofil/lenfosit oranı ve monosit/ yüksek dansiteli lipoprotein kolesterol oranının araştırılması

Review / Derleme

Distraksiyon osteogenezisi ve güncel maksillofasyal bölge uygulamaları: sistematik derleme 176

Distraction osteogenesis and current maxillofacial region applications: systematic review

Kistik fibrozis hastalığında tıbbi beslenme tedavisi..... 183

Medical nutritional therapy in cystic fibrosis disease

Case Report / Olgu Sunumu

Cervical aortic arch 187

Servikal aortik ark

A rare cause of severe earache: a tick in the external auditory canal..... 190

Şiddetli kulak ağrısının nadir bir nedeni: dış kulak yolunda kene

Sodium valproate use may result in hyponatremia 193

Sodyum valproat kullanımı hiponatremi ile sonuçlanabilir

