e-ISSN: 2636-8579

JHSM



Journal of Health Sciences and Medicine



HONORARY EDITOR

Osman GÜLER

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

EDITOR-IN-CHIEF

Aydın ÇİFCİ

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

Yavuz BEYAZIT

Department of Gastroenterology, School of Medicine, Çanakkale

Onsekiz Mart University, Çanakkale, TURKEY

İbrahim Celalettin HAZNEDAROĞLU

Department of Hematology, School of Medicine, Hacettepe

University, Ankara, TURKEY

Ekrem ÜNAL

Department of Pediatric Hematology-Oncology, School of Medicine,

Erciyes University, Kayseri, TURKEY

Alpaslan TANOĞLU

Department of Gastroenterology, Sancaktepe Şehit Prof. Dr. İlhan Varank Training and Research Hospital, University of Health Sciences, İstanbul, TURKEY

EDITOR

Ahmet EKEN

Department of Medical Biology, School of Medicine, Erciyes University, Kayseri, TURKEY

Murat KEKİLLİ

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

Ercan YUVANÇ

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

ASSOCIATE EDITOR

Bekir UÇAN

Department of Endocrinology and Metabolism, Dışkapı Yıldırım Beyazit Training and Research Hospital, University of Health Sciences, Ankara, TURKEY

Department of Hematology and Bone Transplantation Unit, School of Medicine, Yıldırım Beyazıt University, Ankara, TURKEY

ENGLISH LANGUAGE EDITOR

Mustafa CIVELEKLER

Department of Ophthalmology, Gülhane Training and Research Hospital, Ankara, TURKEY

STATISTICS EDITOR

Ahsen CEYLAN

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

EDITORIAL BOARD

Ayşegül ALTUNKESER

Department of Radiodiagnostic, Konya Training and Research Hospital, Konya, TURKEY

Nilgün ALTUNTAŞ

Department of Neonatology, Ankara City Hospital, Yıldırım Beyazıt University, Ankara, TURKEY

Nuray BAYAR MULUK

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

Michele CASSANO

Department of Ear Nose Throat, Foggia, ITALY

Can CEDÍDÍ

Department of Plastic, Reconstructif and Aesthetic Surgery Bremen, GERMANY

Salih CESUR

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

Ela CÔMERT

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

Kenan ÇADIRCI

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

Mustafa ÇAPRAZ

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

Demetrios DEMETRIADES

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

Mehmet Sinan DAL

Mehmet Emin DEMIR

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

Bulut DEMİREL

Department of Emergency Medicine, Royal Alexandra Hospital, Paisley, Glasgow, UNITED KINGDOM

Süleyman GÖKMEN

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

Zaim JATIC

Department of Family Medicine, Sarajevo, BOSNIA-HERZEGOVINA

Muhammed KARADENİZ

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

Hidayet MEMMEDZADE

Department of Endocrinology and Metabolism, Bakü Medical Plaza Hospital, Bakü, AZERBAYCAN

Ranko MLADINA

Department of Ear Nose Throat, Zagrep, CROATIA

Kaan OKYAY

Department of Cardiology, Başkent University Ankara Hospital, Ankara, TURKEY

Ebru OLGUN

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

Faruk PEHLİVANLI

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

Ünsal SAVCI

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

Ido SOMEKH

Department of Pediatric Hematology Oncology, Schneider Children's Medical Center of Israel, Petah Tikva, Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, ISRAEL

Mehmet ŞAHİN

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

Ziya ŞENCAN

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

Gökçe ŞİMŞEK

Department of Ear Nose Throat, Private Clinic, Ankara TURKEY

Yaşar TOPAL

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

Vedat TOPSAKAL

Department of Ear Nose Throat, Antwerp, BELGIUM

Ayça TÖREL ERGÜR

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

Emre VURAL

Department of Ear Nose Throat, Arkansas, USA

Alpaslan TUZCU

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

M. İlkin YERAL

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

Kadri YILDIZ

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

PUBLICATION BOARD

Fevzi ALTUNTAŞ

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

Bahadır CELEP

Department of General Surgery and Gastroenterologic Surgery, Viyana, AUSTRIA

Mustafa CESUR

Department of Endocrinology, Ankara Güven Hospital, Ankara, TURKEY

Roger CHEN

Department of Endocrinology and Metabolism, Sydney, AUSTRALIA

Aylin ÇAPRAZ

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

Ayşe ÇARLIOĞLU Department of Endocrinology, Private Clinic, Ankara, TURKEY

Murat DOĞAN

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

Meltem HENDEK

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

Hakan KAYA

Department of Medical Oncology Hematology, Spokane, USA

Fatma NİŞANCI KILIÇ

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

Neven SKITARELIC

Department of Ear Nose Throat, Zadar, CROATIA

Engin TUTKUN

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

Özge VERGİLİ

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

Yücel YILMAZ

Department of Cardiology, Kayseri Training and Research Hospital, Kayseri, TURKEY

Mehmet ZENGİN

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

FRANCHISE OWNER

MediHealth Academy Publishing (www.medihealthacademy.com)

DESIGN

Fatih Şamil ULUDAĞ (fsuludag@medihealthacademy.com)

CORRESPONDENCE ADDRESS

MediHealth Academy Publishing Emniyet Mah., Yukarı Sk., 6/1, Yenimahalle, Ankara, Turkey E-mail: mha@medihealthacademy.com Phone: +90 312 349 77 77

ARTICLE SUBMISSION ADDRESS

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

Our dear readers,

We are proud to publish the fourth issue of our journal for 2022 with valuable articles from each other. We strive to increase the scientific quality of our journal, which addresses all areas of health sciences and is followed by a wider audience over time. Principally, we want to contribute to international literature at an increasing level and to increase the success bar of our journal by entering indexes such as Scopus, PubMed and SCI-Expanded. I would like to thank all authors for submitting articles contributing to both domestic and international literature with their comprehensive scientific content for publication in our journal. We hope that this issue will be useful to our readers.

Sincerely yours.

Assoc. Prof. Ercan YUVANÇ, MD Editor

Original Article

The recovery of ocular surface after bariatric surgery in morbid obese patients
Surgical treatment of liver hydatic cyst and evaluation of cystobiliary fistula: experience of two centers
Methanol poisoning in the emergency department: a retrospective study949
The determinants of sleep effectiveness: a survey study in young adult Turkish population
Single fraction image guided radiation therapy for management of bone metastases during the COVID-19 pandemic
The effect of the COVID-19 pandemic period on the cases of acute cholecystitis
Effect of chitosan application on lung tissue in rats with experimental fluorine toxicity
The relationship of breast cancer deaths with age groups and urbanization of the population: a multi-country analysis
Ear, nose and throat specialists' awareness on oral and dental health and orthodontic problems in children with mouth breathing due to adenotonsillar hypertrophy
Knowledge and attitudes toward basic life support: survey among school teachers
The risk of smartphone addiction in university students and its affecting factors
Denervation injury of scalp hair due to trigeminal ganglion ischemia: the first experimental study
Research of socioeconomic status and school-based health screening results of study with children after two years of COVID-19 pandemic
Radiological comparison of the Wuhan and B.1.1.7 variant COVID-19 infection; are there any differences in chest CT scans?1009
The relationship of laboratory parameters and mortality of patients followed in intensive care units with COVID-19

Original Article

Algorithms for perforator-based flaps in different anatomical locations
The effect of coronavirus disease-2019 (COVID-19) according to gender on health-related quality of life1030
Atrial electromechanical delay is impaired in patients with COVID-191036
Can phosphatidylcholine increase the efficacy of bioactive glass graft when used as a carrier? an experimental study1044
Research trends and global productivity on mechanical ventilation with the impact of COVID-19: a bibliometric analysis in the period 1980-2021
Treatment outcomes in high-risk prostate cancer: a single-centre experience1062
Rate and reasons of missed screening mammography in the COVID-19 pandemic from Turkey
Three years of interventional pediatric cardiology experience in a newly built city hospital 1073
Mental status of healthcare professionals according to the level of exposure to COVID-19 patient during the pandemic 1081
Systemic inflammation indices predict mortality in patients with COVID-19
Association of IgE elevation with blood group in COVID-19 patients
Evaluation of pediatric rheumatologists' knowledge, attitudes, and behavior regarding vaccination in pediatric rheumatic diseases
The protective role of low-dose acetylsalicylic acid use and relation with inflammatory and thrombotic parameters on radial artery occlusion in patients undergoing elective transradial coronary angiography
The effect of lactose intolerance on plasma glucose levels and related biochemical parameters 1110
The association between diabetes mellitus and functionality in knee osteoarthritis: a cross-sectional study1114

Original Article

Vaccination rates and the causes of vaccine hesitancy among patients with end stage renal disease
Human papillomavirus prevalence in unexplained infertile women with chronic endometritis
Three-year results of combined pars plana vitrectomy and phacoemulsification in diabetic vitreous hemorrhage1128
The utilization of BMI in patients with high WHtR as to cardiovascular risk
The predictors of mortality in patients with methyl alcohol intoxication1139
The relationship between colorectal cancer and gastric histopathology: case-control study1145
The comparison of chest X-ray and CT visibility according to size and lesion types in the patients with COVID-191151
Radiomics analysis of pre-treatment F-18 FDG PET/CT for predicting response to transarterial radioembolization in liver tumors1156
A higher incidence of diabetic peripheral neuropathy may be associated with decreased sleep and increased depression in older adults1162
The role of red cell distribution width in predicting the prognosis of patients with breast cancer
The effect of COVID-19 fear on hygiene behaviors in hemodialysis patients during the COVID-19 pandemic1176
Identification of lymphocyte subgroups with flow cytometry in COVID-19 patients
Fifth metacarpal neck fracture fixation: antegrade intramedullary pinning with two K-wires or percutaneous retrograde crossed pinning1190

Review

Anal canal cancers	
Comprehensive approach to hemophilia	