



Annals of Medical Research

Published Monthly Formerly Journal of Turgut Ozal Medical Center
ISSN 1300-1744, E-mail: annalsmedres@inonu.edu.tr, www.annalsmedres.org

Vol.30 Issue.2 (2023): February

Owner On Behalf of Inonu University Faculty of Medicine

Ali Beytur

(Dean) Inonu University, Faculty of Medicine, Department of Urology, Malatya, Türkiye

Editor-in-Chief

Suleyman Sandal

Inonu University, Faculty of Medicine, Department of Physiology, Malatya, Türkiye

Publications Coordinator

Neala Bozkurt Diskaya Inonu University, Faculty of Medicine, Annals of Medical Research Publications, Malatya, Türkiye

Technical Editor

Mustafa Karakaplan Inonu University Faculty of Medicine, Dijital Office Manager, Malatya, Türkiye

This journal is indexed in

TÜBİTAK/ULAKBİM Tıp Veri Tabanı, Türkiye Atıf Dizini, Türk Medline,
EBSCO, Google Scholar, Akademik Dizin, Biblio Med. EuroPub, Sobiad,
CABI, Advanced Sciences Index, Academindex

Material published in the Journal is covered by copyright ©2022 Annals of Medical Research. All rights reserved.



Adel Hamed Elbaih Suez Canal University Faculty of Medicine, Department of Emergency Medicine, Ismailia, Egypt
telbahzico@yahoo.com

Ahmet Sigirci Inonu University Faculty of Medicine, Department of Radiology, Malatya, Türkiye
asigirci@gmail.com

Ayşe Seval Özgü Erdinc Ministry of Health, Ankara City Hospital, Department of Gynecology and Obstetrics, Ankara, Türkiye
sevalerdinc@gmail.com

Aysegül Taylan Özkan TOBB University of Economics and Technology, Faculty of Medicine, Department of Medical Microbiology, Ankara, Türkiye
aysegultaylanozkan@etu.edu.tr

Cemal Karakurt Inonu University, Faculty of Medicine, Department of Pediatric Cardiology Malatya, Türkiye
ckarakurt@yahoo.com

David O. Carpenter Director, Institute for Health and the Environment, University at Albany, Rensselaer, New York, USA
dcarpenter@albany.edu

Erdem Topal Inonu University, Faculty of Medicine, Department of Pediatric, Malatya, Türkiye
erdemtopal44@gmail.com

Gökçe Simsek Kirikkale University, Faculty of Medicine, Department of Otorhinolaryngology, Kirikkale, Türkiye
drgokceozelsimsek@yahoo.com

Hakan Parlakpınar Inonu University Faculty of Medicine, Department of Medical Pharmacology, Malatya, Türkiye
hakan.parlakpınar@inonu.edu.tr

İbrahim Topçu Inonu University, Faculty of Medicine, Department of Urology, Malatya, Türkiye
ibrahim.topcu@inonu.edu.tr

Kamran Kazımoglu Musayev Merkezi Klinika, Department of Cardiovascular Surgery, Baku, Azerbaijan
kamrancan@yahoo.com

Kathleen Arcaro University of Massachusetts, Amherst, MA, USA
karcaro@umass.edu

Mehmet Hamamci Bozok University, Faculty of Medicine, Neurology, Yozgat, Türkiye
drmehmetmehmet@gmail.com

Mehmet Kilic Fırat University Faculty of Medicine, Department of Pediatric Immunology and Allergy, Elazığ, Türkiye
drmkilic@gmail.com

Meltem Kurus Katip Celebi University, Faculty of Medicine, Department of Histology and Embology, İzmir, Türkiye
meltem.kurus@gmail.com

Mustafa Canpolat Inonu University Faculty of Medicine, Department of Anatomy, Malatya, Türkiye
ymcanpolat1907@yahoo.com

Neslihan Yücel Inonu University, Faculty of Medicine, Department of Emergency Medicine, Malatya, Türkiye
nesyucel@hotmail.com

Numan Karaarslan Namik Kemal University Faculty of Medicine, Department of Neurosurgery, Tekirdağ, Türkiye
numikara@yahoo.com

Ozkan Özger Rumeli University, Medicalpark Canakkale Hospital, Department of Neurosurgery, İstanbul, Türkiye
ozkanozger@hotmail.com

Rauf Melekoglu Inonu University, Faculty of Medicine, Department of Gynecology and Obstetrics, Malatya, Türkiye
rauf.melekoglu@inonu.edu.tr

Reni Kalfın Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria
reni_kalfın@abv.bg

Rizaldi Taslim Pinzon Universitas Kristen Duta Wacana | UKDW • Neurology, Yogyakarta, Indonesia
drpinzon17@gmail.com

Siho Hidayet Inonu University Faculty of Medicine, Department of Cardiology, Malatya, Türkiye
siho.hidayet@inonu.edu.tr

Suat Can Ulukent University of Health Sciences, İstanbul Gaziosmanpaşa Training and Research Hospital, Department of General Surgery, İstanbul, Türkiye
sulukent@yahoo.com

Yusuf Yakupogullari Inonu University, Faculty of Medicine, Department of Clinic Microbiology, Malatya, Türkiye
yusuf.yakupogullari@inonu.edu.tr

Yücel Duman Inonu University Faculty of Medicine, Department of Clinic Microbiology, Malatya, Türkiye
yucel.duman@inonu.edu.tr

LANGUAGE EDITORS

Murat Kara Siirt University, Faculty of Veterinary Medicine, Department of Parasitology, Siirt, Türkiye
muratkara@siirt.edu.tr

BIostatistics EDITORS

Cemil Colak Inonu University, Faculty of Medicine, Biostatistics and Medical Informatics, Malatya, Türkiye
cemilcolak@yahoo.com

Harika Gozde Gozukara Bag
Inonu University Faculty of Medicine,
Biostatistics and Medical Informatics,
Malatya, Türkiye
harika.gozukara@inonu.edu.tr

Table of Contents

Vol.30 Issue.2 (2023): February

Original Articles		
146-150	The relationship between positive mental health and activities of daily living in patients with stroke. Elif Ok, Inci Kisa, Elif Ates, Birgul Ozkan	213-219
151-155	Assessment of optic disc and macula in fasting period during Ramadan by optical coherence tomography angiography. Neslihan Bayraktar Bilen, Meltem Kilic	220-225
156-160	Prognostic value of serum albumin-to-creatinine ratio in acute coronary syndrome. Fatih Kahraman, Mevlut Demir, Ahmet Seyda Yilmaz, Fatih Besiroglu, Hikmet Orhan	226-230
161-166	The relationship between obesity and coronary artery ectasia in patients presenting with acute coronary syndromes. Esra Donmez, Sevgi Ozcan	231-237
167-174	A comparison of multivariate statistical methods to detect risk factors for type 2 diabetes mellitus. Ipek Balikci Cicek, Saim Yologlu, Ibrahim Sahin	238-242
175-182	Myricetin ameliorates cerebral ischemia/reperfusion damage in rat four vessel occlusion model: Histological, biochemical, molecular findings. Saadet Celikozlu, Sibel Kokturk, Filiz Ozyigit, Said Altikat, Halit Celikozlu	243-247
183-187	Current approaches and problems faced by orthopedic surgeons in all-inside arthroscopic meniscus repairs. Kaya Turan, Osman Gorkem Muratoglu, Tugrul Ergun, Haluk Cabuk, Ramazan Erden Erturer	248-251
188-193	Patients operated due to intracranial mass: A 5-year analysis. Veysel Kiyak, Ozgur Demir, Fatih Ersay Deniz, Erol Oksuz, Osman Demir	252-257
194-198	Prognostic role of platelet lymphocyte ratio (PLR) among patients with hepatocellular carcinoma undergoing liver transplantation. Ibrahim Umar Garzali, Abdirahman Sakulen Hargura, Volkan Ince, Sertac Usta, Ali Aloun, Brian I. Carr, Sezai Yilmaz	258-262
199-202	Which patients with carpal tunnel syndrome are more associated with fibromyalgia syndrome? Zeynep Kirac Unal, Zeynep Tuba Bahtiyarca, Damla Cankurtaran, Ece Unlu Akyuz	263-266
203-207	Osas incidence in septal deviation Mladina type 7. Ayse Karaogullarindan, Sanem Oksan Erkan, Birgul Tuhanioglu, Zeynel Abidin Erkan	267-271
208-212	Analysis of semen parameters of recovered patients after COVID-19. Mehmet Mustafa Erdogan, Esra Erdogan	272-277
	Executive functions and emotion regulation relationship of suicidal ideation in children with ADHD. Omer Ucur, Ozlem Ozel Ozcan	278-281
	Importance of vertigo classification in the emergency department and its effects on economic burden. Muhammed Ekmekyapar, Tuba Ekmekyapar, Sukru Gurbuz	
	Investigation of the relationship between the PaO₂/FiO₂ ratio and Wells score in patients diagnosed with acute pulmonary embolism. Fatma Tortum, Ali Gur	
	Early portal vein thrombosis after pediatric liver transplantation: Assesment of risk factors. Serdar Karakas, Tevfik Tolga Sahin, Kemal Baris Sarici, Sertac Usta, Koray Kutluturk, Fatma Ilknur Varol, Kutay Saglam, Duygu Demiroz, Cemalettin Aydin, Sezai Yilmaz	
	Incidental cause of mild hyperglycemia in children: Genetic, clinical, and follow-up features of glucokinase-MODY diabetes. Ismail Dundar	
	Effects of shunt types used in idiopathic normal pressure hydrocephalus on patients' clinical outcomes. Mehmet Edip Akyol, Eyup Cetin	
	Heart rate recovery in patients with inflammatory bowel disease in clinical remission. Oktay Unsal, Esin Beyan, Yasemin Aydogan Unsal, Serdar Karakaya, Oktay Bulur, Kursat Dal, Murat Eser, Metin Uzman	
	Comparison of pain during endovenous laser ablation of the great saphenous vein with ultrasound-guided femoral nerve block with local anesthesia. Onur Hanbeyoglu, Suna Aydin	
	Association of hyperchloremia with acute kidney injury in children with major trauma. Kubra Celegen, Mehmet Celegen	
	Investigation of the dose-dependent effect of carminic acid on brain and peripheral tissues. Guven Akcay	
	Comparison of general vs spinal anesthesia for direct anterior approach total hip arthroplasty in elderly patients: A retrospective study. Serdar Yesiltas, Sedat Akbas	
	Factors affecting survival and recurrence in patients with operated non-small cell lung cancer. Ahmet Gulmez, Emin Tamer Elkiran	
	Nine healthy deliveries in four pregnant women with enzyme replacement therapy in Gaucher disease. Hulya Aladag, Murat Aladag	