



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.29 No.10 (2022): October

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

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

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

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

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

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

Reni Kalfin Institute of Neurobiology, Bulgarian Academy of Sciences, Sofia, Bulgaria
reni_kalfin@abv.bg

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

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

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

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

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

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

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

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

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

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

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

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

Ercan Yılmaz Inonu University, Faculty of Medicine, Department of Gynecology and Obstetrics, Malatya, Türkiye
ercan.yilmaz@inonu.edu.tr

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

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

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

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

LANGUAGE EDITORS

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

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

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

BIostatistics EDITORS

Saim Yologlu Inonu University Faculty of Medicine, Biostatistics and Medical Informatics, Malatya, Türkiye
saim.yologlu@inonu.edu.tr

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

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.29 No.10 (2022): October

Original Articles

- 1062-1066 **Red cell distribution width (RDW) and Alberta stroke programme early computed tomography score (ASPECTS) are correlated in predicting mortality in geriatric ischemic stroke patients.** Gulcin Patmano, Firdevs Tugba Bozkurt, Tugba Bingol Tanriverdi, Mehmet Tercan, Mehmet Tahtabasi
- 1067-1072 **Early cholecystectomy may be performed in patients with Tokyo Guideline 2018 grade III acute cholecystitis who have risk factors.** Aydin Aktas, Ismet Celik, Ekrem Koc, Coskun Aydin, Irfan Inci, Halil Afsin Tasdelen, Eser Bulut, Uzer Kucuktulu
- 1073-1076 **The flexural strength of acrylic resin repairs reinforced with different nanoparticles.** Secil Ozkan Ata, Canan Akay, Emre Mumcu
- 1077-1082 **The potency of multiple synchronous ipsilateral tumours on quantity of axillary lymph node involvement in clinical early stage breast cancer.** Ersin Gurkan Dumlu, Ebru Menekse
- 1083-1088 **What is responsible for cochlear damage in patients with obstructive sleep apnea? Hypoxia or snoring noise?** Ayse Karaogullarından, Sanem Oksan Erkan, Birgul Tuhanioglu, Zeynel Abidin Erkan
- 1089-1095 **What the twenty-year series in children with disorders of sex development tells us?** Bengu Macit, Aysehan Akinci, Mehmet Demircan, Kubilay Gurunluoglu, Ahmet Sigirci
- 1096-1107 **Health anxiety and world assumptions of the society and health care professionals concerning COVID-19.** Nevin Gunaydin, Irem Sener, Busra Ugur
- 1108-1113 **Renal involvement in AA amyloidosis: A single-center experience with clinical and histopathological data.** Meric Oruc, Sukran Sarikaya Kayipmaz
- 1114-1117 **Investigation of biomarker properties of DARS2 to distinguish squamous cell carcinoma from keratoacanthoma.** Ozlem Ucer, Nevin Kocaman
- 1118-1122 **Evaluation of land transportation of newborns in Türkiye.** Sadrettin Ekmen, Turan Derme
- 1123-1128 **Factors affecting psychological symptoms and life quality of caregiver parents of cerebral palsy patients, a cross-sectional study.** Sanem Aslihan Aykan, Ozge Solakoglu, Burak Cagri Aksu, Serdar Kaymaz, Halil Ucan, Nilufer Kutay Ordu Gokkaya
- 1129-1133 **Cognitive functions in individuals with spinal cord injury: Do symptoms of autonomic dysreflexia or orthostatic hypotension have an effect?** Nurdan Korkmaz, Zeliha Gizem Mac, Gokhan Yardimci, Ayten Ozturkmen, Ozlem Koroglu, Bilge Yilmaz
- 1134-1139 **The relation of anti-Mullerian hormone with final menstrual period and menopausal symptoms in the menopausal transition.** Nergis Kender Erturk, Fatma Nurgul Tasgoz
- 1140-1145 **Is the reiteration of extracorporeal shock wave therapy beneficial to enhance the bone integrity in type 1 diabetic rats?** Enes Ozkan, Betül Yilmaz Evmek, Mehmet Cihan Bereket
- 1146-1150 **Evaluation of brain-derived neurotrophic factor and cortisol levels in patients with bruxism.** Onur Yilmaz, Efe Can Sivrikaya, Nejdet Kocak, Elif Sahin, Tamer Tuzuner, Ahmet Alver, Yavuz Tolga Korkmaz
- 1151-1155 **Thyroid neoplasm in Graves' disease: A single center experience.** Yasemin Aydogan Unsal, Xhenet Hysejmi, Said Kural, Ensar Aydemir, Soner Cander, Ozen Oz Gul
- 1156-1161 **Metabolic effects of cedar tar on colon cancer cell line of HCT-116: A follow-up study.** Ebru Temiz, Kadir Egi, Ismail Koyuncu, Ozgur Yuksekdog, Yusuf Kurt, Murat Tiken, Sukru Akmese, Mehmet Enes, Yazan Awad
- 1162-1167 **Is simultaneous resection of Meckel's diverticulum beneficial or harmful in bariatric and metabolic surgery?** Muzaffer Al
- 1168-1173 **Depression and sexual dysfunction in patients with chronic low back pain.** Ozkan Yukselmsis
- 1174-1178 **New approach to mastoid asymmetry.** Huseyin Cetin
- 1179-1184 **Acromegaly and its clinical outcomes: A 10-year retrospective analysis of a cohort of patients with acromegaly from a university setting.** Ali Pir, Irfan Nuhoglu
- 1185-1188 **A clinical decision support system based on machine learning for the prediction of diabetes mellitus.** Bahri Evren, Zeynep Kucukakcali
- 1189-1193 **The estimating of hypothyroidism with the bagged CART model based on clinical dataset and identify of risk factors.** Bahri Evren, Seyma Yasar
- 1194-1199 **The neuroprotective effect of melatonin in preventing vancomycin-induced neurotoxicity.** Özlem Öz Gergin, Betül Yalçın, Özge Cengiz Mat, Demet Bolat