

E-ISSN: 2636-7688

Journal Abbreviation: Ann Med Res

# **Published quarterly**

Web page: https://www.annalsmedres.org

E-mail: dergi@inonu.edu.tr totmdergisi@gmail.com

# Formerly Journal of Turgut Ozal Medical Center -ISSN 1300-1744

## **Owner**

On Behalf of Inonu University School of Medicine

#### **Mahmut Durmus**

(Dean) Inonu University Faculty of Medicine Anesthesiology and Reanimation, Malatya, Turkey

#### **Editor-in-Chief**

Cuneyt Kayaalp

Inonu University Faculty of Medicine, Gastrointestinal Surgery, Malatya, Turkey

#### **Editors**

Baris Otlu

Inonu University Faculty of Medicine, Medical Microbiology, Malatya, Turkey

Sertac Usta

Inonu University Faculty of Medicine Department of General Surgery, Malatya, Turkey

#### **Editorial Board**

Cemsit Karakurt

Inonu University Faculty of Medicine, Pediatric Cardiology Malatya, Turkey

Hakan Parlakpinar

Inonu University Faculty of Medicine, Medical Pharmacology, Malatya, Turkey

Mehmet Gul

Inonu University Faculty of Medicine, Histology and Embryology, Malatya, Turkey

Murat Harputluoglu

Inonu University Faculty of Medicine, Internal Medicine Gastroenterelogy, Malatya, Turkey

Nevzat Erdil

Inonu University Faculty of Medicine, Cardiovascular Surgery, Malatya, Turkey

Ramazan Kutlu

Inonu University Faculty of Medicine, Radiology, Malatya, Turkey

Sedat Yildiz

Inonu University Faculty of Medicine Physiology, Malatya,Turkey

Tuba Bayindir

Inonu University Faculty of Medicine, Otorhinolaryngology, Malatya, Turkey

Yuksel Kablan

Inonu University Faculty of Medicine, Neurology, Malatya,Turkey

Zekine Begec

Inonu University Faculty of Medicine, Anesthesia and Reanimation, Malatya, Turkey

Zeynep Ayfer Aytemur

Inonu University Faculty of Medicine, Pulmonary Diseases, Malatya, Turkey

# **Language Editors**

Murat Kara

Erzincan University Faculty of Medicine, Medical Microbiology, Erzincan, Turkey

Tavfun Guldur

Inonu University Faculty of Medicine, Biochemistry, Malatya, Turkey

# **Biostatistics Editors**

Saim Yologlu

Inonu University Faculty of Medicine, Biostatistics and Medical Informatics, Malatya, Turkey

Cemil Colak

Inonu University Faculty of Medicine, Biostatistics and Medical Informatics, Malatya, Turkey

# **Publishing Desing & Graphics**

Ozden Keser & Derya Yilmaz

Ann Med		774-9	Examination of pulmonary embolism in patients in a university hospital Idris Kirhan, Fatih Uzer, Iclal Hocanli, Hamdiye Turan
March 2020 volume 27/ Number 3 CONTENTS  Original Article		780-3	The evaluation of the optic nerve in multiple sclerosis using MRI histogram analysis Adil Dogan, Murat Baykara
700-10	Histomorphometric analysis of the effects of grape seed extract (vitis vinifera) and low-level laser therapy (LLLT) on fracture healing Bilal Ege, Mutan Hamdi Aras, Hasan Akgul, Muhammed Isa Kara, Isil Aydemir, Sevinc Inan, Seyithan Taysi, Sevil Altundag Kahraman	784-9	Analysis of toxic plant and mushroom poisoning in children Evrim Gul, Mehmet Yusuf Sari
		790-6	Determination of acute appendicitis histologic subtypes by MDCT findings Serdar Aslan, Mesut Ozturk
711-6	Evaluation of the expression and proliferation of degenerative markers in primary cell cultures obtained from human intervertebral disc tissue Yasin Emre Kaya, Hande Akalan, Ibrahim Yilmaz,	797-804	Bond strength of a resin-based composite to aged Biodentine using different adhesive strategies Soner Sismanoglu
717-21	Numan Karaarslan, Duygu Yasar Sirin, Hanefi Ozbek  The effect of demographic characteristics on anxiety and hemodynamic response during intubation in	805-9	Clinical results of volar locking plate fixation in radius distal fractures Levent Umur, Enes Sari
111-21	patients undergoing septoplasty Onur Karaca, Ihsan Kuzucu N-acetylcysteine reduces oxidative stress on end-	810-3	Pilonidal disease specimens of 905 patients revealed no malignancy, however we still insist on histopathological examination Mehmet Eren Yuksel, Melike Ordu
722-7	organs in an ischemia-reperfusion rat model Gokalp Altun, Zerrin Pulathan, Suleyman Caner Karahan, Esin Yulug	814-8	Plasma and salivary irisin levels in lepramatous leprosy patients Emine Tugba Alatas, Mehmet Kalayci, Asude Kara
728-32	The sperm parameters and prediction of IUI success Gurhan Guney		Polat, Gursoy Dogan, Asli Akin Belli
733-7	Clinical value of late DMSA scan in predicting vesicoureteral reflux in children with febrile urinary tract infection Hulya Nalcacioglu, Ozgur Caglar, Sibel Yel, Binnaz	819-24	Is chirp more effective than click and tone-burst during oVEMP test? Banu Bas, Kemal Keseroglu, Serap Er, Ali Ozdek, Mehmet Hakan Korkmaz
738-42	Celik, Funda Bastug  Efficacy of balloon kyphoplasty in pain management of vertebral compression fractures  Semra Isik, Serdar Cevik	825-9	The needs of the families whose relatives are being treated in intensive care units and the perspective of health personnel Gulseren Elay, Mustafa Tanriverdi, Mustafa Kadioglu, Ilhan Bahar, Oktay Demirkiran
743-8	Changes in seroprevalence and acute infection rates after vaccination and herd immunity in a pediatric hospital in the Southeastern Anatolia region of Turkey: Effects of adding hepatitis a vaccine to the Extended National Immunization Program	830-2	Crystallized phenol treatment is less effective in patients with recurrent pilonidal disease after surgery compared to patients with primary pilonidal disease Mehmet Eren Yuksel
749-54	Reyhan Yis, Mehmet Sait Yildirim  Evaluation of the effects of tadalafil on pain response in thermal plantar and dynamic plantar tests in rats Duygun Altintas Aykan, Selma Yaman	833-9	Different machine learning methods based prediction of mild cognitive impairment Adem Doganer, Selma Yaman, Nadire Eser, Tugba Ozcan Metin
755-9	Evaluation of long-term oncological outcomes of colon cancer resections in octogenarian and nonagenarian patients	840-5	Reasons for drop-out of peritoneal dialysis in pediatric patients: A single-center experience Beltinge Demircioglu Kilic, Melek Aksay Urgun
760-4	Osman Civil, M. Burc Yazicioglu  Effects of exercise on netrin-1 and TNF-a levels in non-inflammatory conditions Oguz Yuksel, Servet Kizildag, Ferda Hosgorler, Basar Koc, Sevim Kandis, Guven Guvendi, Nazan Uysal	846-51	The information literacy levels of nursing students who take the course on information techniques Gurkan Ozden, Seher Cevik, Ebru Gul, Seyhan Citlik Saritas
765-9	Frequency and genotype distribution of high-risk human papilloma virus types in Karabuk province, Turkey: A hospital based cross-sectional study	852-6	The relationship between betatrophin levels and HbA1c: A case control study Mesut Kilicoglu, Ihsan Solmaz, Burkay Yakar, Erhan Onalan, Ferit Gursu
770-3	Semra Eroglu, Nergis Asgin  An exploratory study on healthcare sustainability in Turkey: Satisfaction with work environment and perceived barriers towards reducing the environmental impact of pathology operations Isil Yildiz Aktas	857-63	Value of revised Geneva criteria and d-dimer levels in reducing overuse of pulmonary CT angiography in the diagnosis of pulmonary thromboembolism Hale Turnaoglu, Sefa Keskin, Ayse Ozcetin, Berkay Becer, Leyla Eybatova, Elif Durukan

# Ann Med Res March 2020 volume 27/ Number 3 CONTENTS

	Clinicopathologic features of operated gastric cancer patients, single center nine years experience	926-32	submucosal fibroids under ultrasonog guidance when hysteroscopy is not available Mehmet Bulbul, Berna Dilbaz	
864-9	Orhan Uzun, Aziz Serkan Senger, Mürsit Dincer, Erdal Polat, Mustafa Duman, Kamuran Cumhur Deger, Huseyin Cigiltepe, Ebubekir Gundes, Durmus Ali Cetin, Ulas Aday, Sinan Yol	933-7	A cross-sectional chart of stretched penile len Turkish children aged 0-6 years Yahya Gul, Burkay Yakar, Halil Saglam	
870-3	Evaluation of myocardial performance index in smokers Siho Hidayet	mean platelet volume levels in hypertensiv hypertensive epistaxis patients	Evaluation of red blood cell distribution wid mean platelet volume levels in hypertensive an hypertensive epistaxis patients Ibrahim Caltekin, Bilgehan Demir, Dilek Atik,	
874-8	The effect of transcatheter aortic valve implantation on ventricular repolarization indices and neutrophilto-lymphocyte ratio		Albayrak, Emre Gokcen, Atakan Savrun, Hasan Kaya Polydioxanone suture fixation for the rep	
879-82	Hakan Kaya  The relationship between dentistry and forensic medicine	943-7	pediatric maxillofacial fractures Hakan Cinal, Osman Enver Aydin, Onder Tar Algan, Murat Kara, Kerem Yilmaz, Harun Karad	
	Ahmet Altan, Selcuk Cetin, Halenur Altan, Nihat Akbulut Foreign body aspirations in children- it is a single	948-54	The treatment effect of silymarin on heart dam rats Ibrahim Aktas, Meltem Ozgocmen	
883-7	center experience Gul Dogan, Hulya Ipek  Effect of thermal aging procedure on the	955-63	Dyadic adjustment and sexual function postmenopausal women Merve Caglar, Sevinc Mersin, Ozlem Ibrahimog	
888-94	microhardness and surface roughness of fluoride ion containing materials Magrur Kazak, Safiye Selin Koymen, Rabianur Yurdan, Kerem Tekdemir, Nazmiye Donmez	964-70	Detection of viral and bacterial pathogens multiplex real-time polymerase chain react acute gastroenteritis Melda Ozdamar, Berrin Uzun, Salih Turkoglu	
895-902	Usefulness of mean platelet volume as a biomarker for diagnosing arterivenosus fistulas thrombosis in routine hemodialysis patients Gulden Bilican, Ebru Gok Oguz, Ozlem Yayar, Mustafa Ergin, Fatih Kivrakoglu, Sanem Oztekin, Hatice Sahin, Mehmet Deniz Ayli	971-6	Predictive value of red cell distrubition width reactive protein/albumin ratio in determining acute pancreatitis Orkide Kutlu, Yasemin Gokden	
903-6	Determination of aeroallergen prevalence in children aged 1-16 years in the provincial center of Kahramanmaras Mehmet Yasar Ozkars, Serkan Kirik	977-9	The frequency of thyroid autoimmunity in be disease in mid-anatolian region of Turkey Gulcan Saylam Kurtipek, Fatma Tuncez Al Huseyin Kurku	
907-12	Impact of comorbidities on recurrence rates and survival in patients with endometrial cancer Samed Rahatli, Nadire Kucukoztas, Huseyin Akilli, Arzu Oguz, Zohrab Abduyev, Ozden Altundag, Ali Ayhan	<b>Case Re</b> 980-3	Primary low grade chondrosarcoma of the tatypical localization Mahmut Nedim Aytekin, Baris Kafa, Bulent Content of Enes Uluyardimci, Temel Oguz, Nihat Tosun,	
913-20	Alteration of saliva and blood ghrelin, obestatin, leptin and weight based on adjuvant chemotherapy treatment in early-stage operated breast cancer patients		Ozturk	

Nimet Yilmaz, Aziz Karaoglu, Kader Ugur, Meltem

Yardim, Suleyman Aydin

921-5

The effect of midazolam on delirium in patients

ultrasonographic

undergoing coronary artery bypass surgery

Mehmet Kenan Erol, Nazim Kankilic, Firdevs Kay Extraction of endometrial polyps and type 0

ma of the toe; an

fa, Bulent Celasun, lihat Tosun, Recep