



# Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Ann Med Res

Volume: 31

Issue: 12

December 2024

## Original Articles

Determination of the prevalence of asthma and asthma symptoms in bakery workers in Malatya

*Ozdemir et al.*

Lymph node ratio is negatively correlated with the Crohn's-like lymphoid reaction to the tumor and tumor-infiltrating lymphocytes in colorectal cancers

*Kokenek et al.*

Exploring the correlation between body mass index and knee Hoffa fat pad size in MRI sagittal plane

*Celayir et al.*

Can hand involvement in osteoarthritis be as devastating as rheumatoid arthritis?

*Yesilmen et al.*

Infusion cannula-associated jet stream effects on vitrectomy results

*Nihat Polat*

The improvement rates in disc height and lordotic angle following anterior cervical discectomy and fusion with disc prosthesis

*Gokturk et al.*

Relevant anatomy of facial region and clinical analysis of common complications in botulinum toxin and filler injections

*Cetinok et al.*

## Case Reports

Surgical treatment of complete bronchial rupture due to blunt thoracic trauma with bronchoplasty

*Biyikli et al.*



# Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Editorial

Volume: 31

Issue: 12

December 2024

## Owner

### Mehmet Aslan (Dean)

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

## Editor-in-Chief

### Nurettin Aydođdu, PhD

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

## Section Editors

### Ahmet Sarıcı, MD

İnönü University, Faculty of Medicine,  
Department of Hematology, Malatya, Türkiye

### Cuma Mertođlu, MD, PhD

İnönü University, Faculty of Medicine,  
Department of Biochemistry, Malatya, Türkiye

### Emrah Gündüz, MD

İnönü University, Faculty of Medicine,  
Department of Otolaryngology Surgery,  
Malatya, Türkiye

### Lokman Hekim Tanrıverdi, MD, PhD

İnönü University, Faculty of Medicine,  
Department of Medical Pharmacology,  
Malatya, Türkiye

### Nurullah Dađ, MD

İnönü University, Faculty of Medicine,  
Department of Radiology, Malatya, Türkiye

### Osman Kurt, MD

İnönü University, Faculty of Medicine,  
Department of Public Health, Malatya, Türkiye

### Tevfik Tolga Şahin, MD, PhD

İnönü University, Faculty of Medicine,  
Department of General Surgery, Malatya, Türkiye

## Biostatistics Editors

### Cemil Colak, PhD

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

### Harika Gozde Gozukara Bag, PhD

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

## Ethics Editor

### Mehmet Karataş, MD., PhD

Inonu University Faculty of Medicine, Department  
of History of Medicine and Medical Ethics,  
Malatya, Türkiye

## Language Editors

### Murat Kara, PhD

Siirt University, Faculty of Veterinary Medicine,  
Parasitology, Siirt, Türkiye

## Publications Coordinator

### Neala Bozkurt Dişkaya

Inonu University Faculty of Medicine,  
Annals of Medical Research/Publications  
Coordinator, Malatya, Türkiye

## Web and Social Media Editor

### Mustafa Karakaplan, PhD

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



# Annals of Medical Research

The Official Journal of Inonu University Faculty of Medicine

Editorial Board

Volume: 31

Issue: 12

December 2024

**Adel Hamed Elbaih**

Suez Canal University Faculty of Medicine,  
Emergency Medicine, Ismailia, Egypt

**Ayse Seval Ozgu Erdinc**

Ministry of Health, Ankara City Hospital,  
Gynecology and Obstetrics, Ankara, Türkiye

**Aysegul Taylan Ozkan**

Department of Medical Microbiology  
Faculty of Medicine,  
TOBB University of Economics and Technology,  
Ankara, Türkiye

**Cemsit Karakurt**

Inonu University Faculty of Medicine,  
Pediatric Cardiology Malatya, Türkiye

**Erdem Topal**

Inonu University Faculty of Medicine, Pediatric,  
Malatya, Türkiye

**Gokce Simsek**

Kirikkale University, Faculty of Medicine,  
Otorhinolaryngology, Kirikkale, Türkiye

**Hakan Parlakpınar**

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

**İbrahim Topçu**

Inonu University, Faculty of Medicine,  
Urology, Malatya, Türkiye

**Kamran Kazimoglu Musayev**

Merkezi Klinika, Cardiovascular Surgery,  
Baku, Azerbaijan

**Mehmet Hamamci**

Bozok University, Faculty of Medicine,  
Neurology, Yozgat, Türkiye

**Mehmet Kilic**

Firat University Faculty of Medicine,  
Pediatric Immunology and Allergy, Elazig, Türkiye

**Meltem Kurus**

Katip Celebi, University, Faculty of Medicine,  
Histology and Embology, Izmir, Türkiye

**Mustafa Canpolat**

Inonu University Faculty of Medicine,  
Anatomy, Malatya, Türkiye

**Neslihan Yucel**

Inonu University, Faculty of Medicine,  
Emergency Medicine, Malatya, Türkiye

**Numan Karaarslan**

Namik Kemal University Faculty of Medicine,  
Neurosurgery, Tekirdag, Türkiye

**Ozkan Ozger**

Rumeli University,  
Medicalpark Canakkale Hospital,  
Neurosurgery, Istanbul, Türkiye

**Rauf Melekoglu**

Inonu University Faculty of Medicine,  
Gyneacology and Obstetrics, Malatya, Türkiye

**Reni Kalfin**

Institute of Neurobiology,  
Bulgarian Academy of Sciences,  
Sofia, Bulgaria

**Rizaldi Taslim**

Pinzon Universitas Kristen Duta Wacana  
UKDW Neurology, Yogyakarta, Indonesia

**Siho Hidayet**

Inonu University Faculty of Medicine,  
Cardiology, Malatya, Türkiye

**Yusuf Yakupoğulları**

Inonu University, Faculty of Medicine,  
Clinic Microbiology, Malatya, Türkiye

**Yucel Duman**

Inonu University Faculty of Medicine,  
Clinic Microbiology, Malatya, Türkiye



## Original Articles

**944-947** Determination of the prevalence of asthma and asthma symptoms in bakery workers in Malatya

*Adem Taha Ozdemir, Mehmet Kayhan, Erdem Topal*

**948-952** Lymph node ratio is negatively correlated with the Crohn's-like lymphoid reaction to the tumor and tumor-infiltrating lymphocytes in colorectal cancers

*Tuba Dilay Kokenek Unal, Serhat Ozan, Umur Inan, Yasir Kecelioglu, Ozgur Akgul*

**953-956** Exploring the correlation between body mass index and knee Hoffa fat pad size in MRI sagittal plane

*Cumhur Deniz Davulcu, Arin Celayir*

**957-962** Can hand involvement in osteoarthritis be as devastating as rheumatoid arthritis?

*Nevzat Yesilmen, Arzu Kaya, Emine Yildirim Uslu, Gokhan Alkan, Arif Gulkesen, Gurkan Akgol, Ayse Murat Aydin*

**963-966** Infusion cannula-associated jet stream effects on vitrectomy results

*Nihat Polat*

**967-973** The improvement rates in disc height and lordotic angle following anterior cervical discectomy and fusion with disc prosthesis

*Yasin Gokturk, Sule Gokturk, Ali Koc, Kagan Kamasak, Ahmet Payas, Belgin Oral*

**974-980** Relevant anatomy of facial region and clinical analysis of common complications in botulinum toxin and filler injections

*Hurriyet Cetinok, Ali Mortazavi, Negin Alavimatin*

## Case Reports

**981-983** Surgical treatment of complete bronchial rupture due to blunt thoracic trauma with bronchoplasty

*Merve Biyikli, Murat Kilic*