

e-ISSN: 2717-7505

# JOMPAC

Journal of Medicine and Palliative Care

VOLUME: 5

ISSUE: 1

YEAR: 2024



## EDITORS-IN-CHIEF

### **Prof. Aydın ÇİFCİ**

Department of Internal Medicine, Faculty of Medicine,  
Kırıkkale University, Kırıkkale, Türkiye

### **Assoc. Prof. Deniz ÇELİK**

Department of Chest Diseases, Alanya Alaaddin Keykubat  
University Training and Research Hospital,  
Antalya, Türkiye

## ASSOCIATE EDITORS-IN-CHIEF

### **Assoc. Prof. Ayşegül ALPCAN**

Department of Pediatrics, Faculty of Medicine,  
Kırıkkale University, Kırıkkale, Türkiye

### **Assoc. Prof. Musa ZENGİN**

Department of Anesthesiology and Reanimation,  
Ankara Etlik City Hospital, Ankara, Türkiye

### **Assoc. Prof. Zeynep ÇETİN**

Department of Endocrinology and Metabolism, Amasya University  
Sabuncuoğlu Şerefeddin Training and Research Hospital,  
Amasya, Türkiye

### **Assist. Prof. Fatih UĞUR**

Department of Orthopedics and Traumatology, Kastamonu  
University Training and Research Hospital, Kastamonu, Türkiye

## EDITORIAL BOARD

### **Prof. Abdullah ÇAĞLAR**

Department of Food Engineering, Faculty of Engineering, Afyon  
Kocatepe University, Afyon, Türkiye

### **Prof. Alpaslan TUZCU**

Division of Endocrinology, Department of Internal Medicine,  
Faculty of Medicine, Dicle University, Diyarbakır, Türkiye

### **Prof. Alpaslan TANOĞLU**

Department of Gastroenterology, Medical Park Göztepe Hospital  
Complex, Faculty of Medicine, Bahçeşehir University, İstanbul,  
Türkiye

### **Assist. Prof. Aylin ÇAPRAZ**

Department of Chest Diseases, Faculty of Medicine, Amasya  
University, Amasya, Türkiye

### **Assoc. Prof. Bahadır CELEP**

Department of General Surgery and Gastroenterologic Surgery,  
Viyana, Austria

### **Dr. Bulut DEMİREL, MD**

Department of Emergency Medicine, Royal Alexandra  
Hospital, Paisley, Glasgow, United Kingdom

### **Prof. Burcu DUYUR ÇAKIT**

Department of Physical Medicine and Rehabilitation, Ankara  
Training and Research Hospital, University of Health Sciences,  
Ankara, Türkiye

### **Prof. Can CEDIDI**

Department of Aesthetic, Plastic and Reconstructive Surgery,  
Bremen, Germany

### **Prof. Demetrios DEMETRIADES**

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

### **Prof. Ekrem ÜNAL**

Division of Pediatric Hematology & Oncology, Department of  
Pediatrics, Faculty of Medicine, Erciyes University, Kayseri, Türkiye

### **Prof. Ela CÖMERT**

Department of Ear Nose Throat, Faculty of Medicine, Kırıkkale  
University, Kırıkkale, Türkiye

### **Prof. Emre VURAL**

Department of Ear Nose Throat, Arkansas, USA

### **Assoc. Prof. Faruk PEHLİVANLI**

Department of General Surgery, Faculty of Medicine, Kırıkkale  
University, Kırıkkale, Türkiye

### **Prof. Fevzi ALTUNTAŞ**

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

### **Prof. Gülnur TARHAN**

Department of Medical Microbiology, Faculty of Medicine,  
Adıyaman University, Adıyaman, Türkiye

### **Prof. Hakan KAYA**

Department of Medical Oncology & Hematology, Spokane, USA

### **Assoc. Prof. Harun DÜĞEROĞLU**

Department of Internal Medicine, Faculty of Medicine, Ordu  
University, Ordu, Türkiye

### **Prof. Mehmet Akif TÜRKOĞLU**

Department of General Surgery, Faculty of Medicine, Gazi  
University, Ankara, Türkiye

### **Assoc. Prof. Mehmet Emin DEMİR**

Department of Nephrology, Medicana International Ankara  
Hospital, Faculty of Medicine, Atılım University, Ankara, Türkiye

### **Assoc. Prof. Mehmet KABALCI**

Department of Cardiovascular Surgery, Faculty of Medicine,  
Kırıkkale University, Kırıkkale, Türkiye

### **Assoc. Prof. Mehmet ZENGİN**

Department of Medical Pathology, Ankara Training and Research  
Hospital, University of Health Sciences, Ankara, Türkiye

**Prof. Michele CASSANO**

Department of Ear Nose Throat, Foggia, Italy

**Assoc. Prof. Murat DOĞAN**

Department of Internal Medicine, Faculty of Medicine, Hitit University, Çorum, Türkiye

**Prof. Murat KEKİLLİ**

Division of Gastroenterology, Department of Internal Medicine, Faculty of Medicine, Gazi University, Ankara, Türkiye

**Assist. Prof. Mustafa ÇAPRAZ**

Department of Internal Medicine, Faculty of Medicine, Amasya University, Amasya, Türkiye

**Prof. Neven SKITARELIC**

Department of Ear Nose Throat, Zadar, Croatia

**Prof. Nuray BAYAR MULUK**

Department of Ear Nose Throat, Faculty of Medicine, Kırıkkale University, Kırıkkale, Türkiye

**Assoc. Prof. Oğuz EROĞLU**

Department of Emergency Medicine, Faculty of Medicine, Kırıkkale University, Kırıkkale, Türkiye

**Assoc. Prof. Özge VERGİLİ**

Department of Physiotherapy and Rehabilitation, Faculty of Health Sciences, Kırıkkale University, Kırıkkale, Türkiye

**Prof. Ranko MLADINA**

Department of Ear Nose Throat, Zagreb, Croatia

**Prof. Roger CHEN**

Department of Endocrinology and Metabolism, Sydney, Australia

**Prof. Salih CESUR**

Department of Infectious Diseases and Clinical Microbiology, Ankara Training and Research Hospital, University of Health Sciences, Ankara, Türkiye

**Assist. Prof. Süleyman GÖKMEN**

Department of Food Processing, Technical Sciences Vocational School, Faculty of Engineering, Karamanoğlu Mehmetbey University, Karaman, Türkiye

**Assoc. Prof. Ünsal SAVCI**

Department of Medical Microbiology, Hitit University Erol Olçok Training and Research Hospital, Faculty of Medicine, Hitit University, Çorum, Türkiye

**Prof. Vedat TOPSAKAL**

Department of Ear Nose Throat, Antwerp, Belgium

**Assoc. Prof. Zaim JATIC**

Department of Family Medicine, Sarajevo, Bosnia-Herzegovina

**Assoc. Prof. Ziya ŞENCAN**

Department of Ear Nose Throat, Faculty of Medicine, Kırıkkale University, Kırıkkale, Türkiye

**ENGLISH LANGUAGE EDITOR**

**Dr. Aybüke YÜREKLİ**

Department of Emergency Medicine, Faculty of Medicine, Erciyes University, Kayseri, Türkiye  
yurekliaybuke@hotmail.com

**STATISTICS EDITOR**

**Assoc. Prof. Dr. Mehmet ZENGİN**

Department of Medical Pathology, Ankara Training and Research Hospital, University of Health Sciences, Ankara, Türkiye  
mz1379@hotmail.com

**FRANCHISE OWNER**

**MediHealth Academy Publishing**  
([www.medihealthacademy.com](http://www.medihealthacademy.com))

**DESIGN**

**Fatih Şamil ULUDAĞ**  
[fsuludag@gmail.com](mailto:fsuludag@gmail.com)

**CORRESPONDENCE ADDRESS**

**MediHealth Academy Publishing**  
Emniyet Mah., Yukarı Sk., No:6/1, Yenimahalle, Ankara, Türkiye  
E-mail / E-posta: [mha@medihealthacademy.com](mailto:mha@medihealthacademy.com)  
Phone / Tel: +90 312 349 77 77

**ARTICLE SUBMISSION ADDRESS**

<https://dergipark.org.tr/tr/journal/3258/submission/step/manuscript/new>

## **EDITORIAL**

---

Dear Colleagues,

We are honored to present the release of the first issue of the Journal of Medicine and Palliative Care (JOMPAC) in 2024, which is published bi-monthly under the umbrella of Medihealth Academy. We express our gratitude to every author, researcher, reviewer, and editorial board member who made a contribution to this publication. We also like to express our gratitude to the publishing team for their hard work getting the journal ready for publishing.

The blind evaluation processes of articles sent to our journal are transparent and ethics and scientificity are always at the forefront. Our main purpose is to maintain these values of the journal and create an alternative pathway for the researchers to contribute to the literature in the fields of Medicine and Palliative Care. Our another goal for JOMPAC is to be indexed in international indexes such as SCI-Expanded, Scopus, ESCI, and Pubmed.

There are twelve original research articles and a review in this 2024 first launch issue. Journal writers and readers create and popularize journals. We express our gratitude to everyone who, in any way, contributes to the publication.

Sincerely,

**Assoc. Prof. Deniz Çelik**  
**Editor in Chief**

**Original Articles**

- Does the prevalence of subclinical coronary atherosclerosis increase in primary hyperparathyroidism; coronary flow reserve and plasma atherogenic index in patients with primary hyperparathyroidism?.....1-8**  
*Özkan E, Genç Ö, Yılmaz Y, Şimşek Y.*
- Safety of partial selective COX-2 inhibitors in patients with cross-reactive NSAID hypersensitivity and factors affecting safety.....9-15**  
*Köycü Buhari G, Koca Kalkan İ, Başa Akdoğan B, et al.*
- Prediction of long-term ischemic stroke with estimated whole blood viscosity in heart failure patients.....16-22**  
*İnan D, Erdoğan A.*
- Examining the relationship between the atherogenic index of plasma and coronary plaque burden: insights from a retrospective intravascular ultrasound analysis .....23-28**  
*Erdoğan A, Özkan E.*
- Comparison of three different doses of cis-atracurium under isoflurane anesthesia .....29-35**  
*Parpucu ÜM.*
- The predictive role of systemic immune-inflammation index in non-ischemic cardiomyopathy .....36-41**  
*Özilhan MO, Gökalp G.*
- Evaluation of clinical characteristics and treatment patterns of patients infected with hepatitis B .....42-47**  
*Kılınç Toker A, Kanat A, Turunç Özdemir A, et al.*
- Diagnostic performance of whole blood viscosity indices in predicting the presence and severity of coronary artery disease .....48-56**  
*Kıvrak A, Yıldırım A.*
- The assessment of serum uric acid-to-HDL cholesterol ratio as a new predictor of mortality in ST-elevation myocardial infarction: a cross-sectional study.....57-64**  
*Genç Ö, Yıldırım A, Özkan E.*
- Comparison of clinical and functional outcomes of patients who underwent plate osteosynthesis and intramedullary nailing for forearm fractures.....65-71**  
*Ateş O, Altıntaş M.*

## Original Articles

**Obesity among adolescent students in private and public schools investigation of awareness: a cross-sectional study.....72-79**

*Uğurlu D, Yapıcı H, Emlek B, Güllü M, Doğan AA.*

**Outcomes of fetal non-cardiac thoracic abnormalities: a single center experience .....80-84**

*Kayaoğlu Yıldırım Z, Bolluk G.*

---

## Review

**The diagnosis and treatment of idiopathic pulmonary fibrosis .....85-90**

*Akıncı Özyürek B.*