



EDITOR-IN-CHIEF

Prof. Mehmet ÇITIRIK

Department of Ophthalmology, Ankara Etlik City Hospital, Ankara, Turkiye

ASSOCIATE EDITORS-IN-CHIEF

Spec. Mesut KARATAŞ, MD

Department of Cardiology, Koşuyolu Yüksek İhtisas Training and Research Hospital, İstanbul, Turkiye

Assoc. Prof. Yasemin KORKUT KURTOĞLU

Department of Family Medicine, Faculty of Medicine, Kütahya Health Sciences University, Kütahya, Turkiye

EDITORIAL BOARD

Assoc. Prof. Adnan ÖZDEMİR

Department of Radiology, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Prof. Alpaslan TANOĞLU

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

Assoc. Prof. Alper ÖZCAN

Division of Pediatric Hematology-Oncology, Department of Pediatrics, Faculty of Medicine, Erciyes University, Kayseri, Turkiye

Prof. Ayça TÖREL ERGÜR

Division of Pediatric Endocrinology and Metabolism, Department of Pediatrics, Faculty of Medicine, Ufuk University, Ankara, Turkiye

Prof. Aydın ÇİFCİ

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

Assist. Prof. Aylin ÇAPRAZ

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

Assoc. Prof. Ayşe Gülşen DOĞAN

Department of Physical Medicine and Rehabilitation, Hitit University Erol Olçok Training and Research Hospital, Çorum, Turkiye

Assoc. Prof. Ayşegül ALTUNKESER

Department of Radiology, Konya Training and Research Hospital, University of Health Sciences, Konya, Turkiye

Assoc. Prof. Berna AKINCI ÖZYÜREK

Department of Chest Diseases, Ankara Atatürk Sanatorium Training and Research Hospital, University of Health Sciences, Ankara, Turkiye



Prof. Bülent Cavit YÜKSEL

Department of General Surgery, Güven Hospital, Ankara, Turkiye

Spec. Bulut DEMİREL, MD

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

Prof. Ekrem ÜNAL

Department of Pediatric Hematology-Oncology, Medical Point Gaziantep Hospital, Gaziantep, Turkiye

Prof. Ela CÖMERT

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

Prof. Engin TUTKUN

Public Health Specialist, HLC-LAB Medical Director, Ankara, Turkiye

Assoc. Prof. Ercan YUVANÇ

Department of Urology, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Assoc. Prof. Esra Güzel TANOĞLU

Department of Molecular Biology and Genetics, Hamidiye Health Sciences Institute, University of Health Sciences, İstanbul, Turkiye

Assoc. Prof. Faruk PEHLİVANLI

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

Prof. Fevzi ALTUNTAŞ

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

Assoc. Prof. Harun DÜĞEROĞLU

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

Assist. Prof. Hatice TOPAL

Department of Pediatrics, Faculty of Medicine, Muğla Sıtkı Koçman University, Muğla, Turkiye

Assoc. Prof. Hidayet MEMMEDZADE

Department of Endocrinology and Metabolism, Bakü Medical Plaza Hospital, Baku, Azerbaijan

Prof. İbrahim Celalettin HAZNEDAROĞLU

Division of Hematology, Department of Internal Medicine, Faculty of Medicine, Hacettepe University, Ankara, Turkiye

Assist. Prof. Kadri YILDIZ

Department of Orthopedics and Traumatology, Medicana Bursa Hospital, Bursa, Turkiye

Assoc. Prof. Kenan CADIRCI

Department of Internal Medicine, Erzurum Region Training and Research Hospital, Erzurum Faculty of Medicine, University of Health Sciences, Erzurum, Turkiye



Prof. Michele CASSANO

Department of Ear Nose Throat, Foggia, Italy

Assoc. Prof. Muhammed KARADENİZ

Department of Cardiology, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Prof. Murat KEKİLLİ

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

Assoc. Prof. Murat DOĞAN

Department of Internal Medicine, Hitit University Erol Olçok Training and Research Hospital, Çorum, Turkiye

Assist. Prof. Mustafa ÇAPRAZ

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

Assoc. Prof. Mustafa ÖĞDEN

Department of Neurosurgery, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Prof. Nilgün ALTUNTAŞ

Division of Neonatology, Department of Pediatrics, Ankara Bilkent City Hospital, Faculty of Medicine, Yıldırım Beyazıt University, Ankara, Turkiye

Assoc. Prof. Özge VERGİLİ

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

Assoc. Prof. Ramazan BALDEMİR

Department of Anesthesiology and Reanimation, Ankara Atatürk Sanatorium Training and Research Hospital, University of Health Sciences, Ankara, Turkiye

Prof. Salih CESUR

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

Assoc. Prof. Selim YALÇIN

Division of Medical Oncology, Department of Internal Medicine, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Assoc. Prof. Serdar GÜL

Department of Infectious Diseases and Clinical Microbiology, Faculty of Medicine, Kırıkkale University, Kırıkkale, Turkiye

Assist. Prof. Süleyman GÖKMEN

Department of Food Processing, Technical Sciences Vocational High School, Faculty of Engineering, Karamanoğlu Memehmetbey University, Karaman, Turkiye

Assoc. Prof. Yaşar TOPAL

Department of Pediatrics, Faculty of Medicine, Muğla Sıtkı Koçman University, Muğla, Turkiye



Assoc. Prof. Yücel YILMAZ

Department of Cardiology, Kayseri City Hospital, Kayseri, Turkiye

Assoc. Prof. Ziya ŞENCAN

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

ENGLISH LANGUAGE EDITOR

Mohammad Bilal ALSAVAF, MD

Department of Otorhinolaryngology, Faculty of Medicine, Ohio State University, OH, USA

STATISTICS EDITOR

Assist. Prof. Maruf GÖĞEBAKAN

Department of Maritime Business and Administration, Maritime Faculty, Onyedi Eylül University, Balıkesir, Turkiye

LAYOUT EDITOR

Hatice AKYIL

Biologist, MediHealth Academy Publishing, Ankara, Turkiye



The Fourth Year of Ankyra Medical Journal

As we embark on the fourth year of the Ankyra Medical Journal (AnkMJ), it is both a privilege and an honor to reflect on our journey thus far and envision the path ahead. Since its inception, AnkMJ has remained steadfast in its commitment to advancing medical science through the publication of high-quality peer-reviewed research. This milestone is a testament to the dedication of our authors, reviewers, editorial team, and readers, who have supported us unwaveringly.

Over the past three years, AnkMJ has grown from a nascent publication to a respected platform in the medical community. Our inclusion in renowned indexing databases such as Index Copernicus, Europub, DRJI, and WorldCatSJR reflects the journal's academic rigor and the impact of our research.

The diversity of topics we have explored—ranging from groundbreaking original research to insightful reviews and compelling case reports—underscores our dedication to addressing the multifaceted challenges of modern medicine. These articles highlight the journal's broad scope and relevance across specialties.

As we step into our fourth year, our mission remains clear: to continue serving as a platform for rigorous scientific discourse and uphold the highest standards of scholarly publishing.

None of these would be possible without the tireless efforts of the contributors. To our authors, who trust us with their invaluable work; to our reviewers, whose meticulous evaluations uphold our standards; and to our readers, whose engagement and feedback inspired us to grow—thank you. We also thank our editorial board for their visionary leadership and unwavering dedication.

The fourth year of AnkMJ represents not only a continuation, but also an evolution. It is an opportunity to build on our foundation, explore uncharted territories in medical research, and reinforce our role as a catalyst for impactful discoveries.

With gratitude and anticipation,

Mehmet ÇITIRIK Chief Editor Ankyra Medical Journal



ORIGINAL ARTICLES

Volume: 4 Issue: 1 Year: 2025

Assessing the impact of non-sucrose IVIG preparations on urinary NGAI	L levels 1-4
	Karataş HK, Tazegül G, Çınar N, Yeğenağa I.
Investigation of <i>Staphylococcus aureus</i> nasal carriage rates in hemodialysi <i>Staphylococcus aureus</i> nasal carriage in hemodialysis patients	s patients 5-8
	Öztürk H, Özsoy M.
REVIEW	
Stem cell therapies in ophthalmology	9-13
	Erdem A, Beyoğlu A, Acar Duyan Ş.

CASE REPORT

Enhanced diagnosis of superior branch retinal vein occlusion with collateral vesse	
using optical coherence tomography angiography: a case study	14-16
	Havan C, Teke MY, Çıtırık M.

LETTER TO THE EDITOR

Comment	cillical pre	sciitation,	uragnosis, c	complication	ms, and m	eatiment of C	JUSTI UCTIVE	
sleep apnea	a syndrome'	······································						17-18
								Aliyeva A.