

e-ISSN: 3023-6738

Eurasian Journal of

Anesthesiology & Intensive Care

Volume: 3

Issue: 3

Year: 2026



EAJAIC



MHA
MEDIHEALTH ACADEMY

EDITOR-IN-CHIEF

Assoc. Prof. Musa ZENGİN

*Department of Anesthesiology and Reanimation, Ankara Etlik City Hospital,
University of Health Sciences, Ankara, Türkiye*

ASSOCIATE EDITORS-IN-CHIEF

Prof. Ali ALAGÖZ

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

Prof. Savaş ALTINSOY

*Department of Anesthesiology and Reanimation, Dışkapı Yıldırım Beyazıt Training and Research Hospital,
University of Health Sciences, Ankara, Türkiye*

Prof. Semih BAŞKAN

*Department of Anesthesiology and Reanimation, Ankara Bilkent City Hospital, Faculty of Medicine,
Yıldırım Beyazıt University, Ankara, Türkiye*

Assoc. Prof. Bahadır ÇİFTÇİ

*Department of Anesthesiology and Reanimation, and Department of Anatomy, Faculty of Medicine,
İstanbul Medipol University, İstanbul, Türkiye*

EDITORIAL BOARD

Prof. Derya ÖZKAN

*Department of Anesthesiology and Reanimation, Ankara
Etlik City Hospital, University of Health Sciences,
Ankara, Türkiye*

Prof. Fatma KAVAK AKELMA

*Department of Anesthesiology and Reanimation, Ankara
Bilkent City Hospital, Faculty of Medicine, Ankara Yıldırım
Beyazıt University, Ankara, Türkiye*

Prof. Mehmet Murat SAYIN

*Division of Intensive Care, Department of Anesthesiology
and Reanimation, Ankara Etlik City Hospital,
Ankara, Türkiye*

Prof. Onur KARACA

*Department of Anesthesiology and Reanimation, Faculty of
Medicine, Aksaray University, Aksaray, Türkiye*

Prof. Erkan Yavuz AKÇABOY

*Division of Algology, Department of Anesthesiology and
Reanimation, Ankara Bilkent City Hospital,
Ankara, Türkiye*

Prof. Güvenç DOĞAN

*Department of Anesthesiology and Reanimation,
Faculty of Medicine, Hitit University,
Çorum, Türkiye*

Prof. Nevriye SALMAN

*Department of Anesthesiology and Reanimation, Ankara
Bilkent City Hospital, University of Health Sciences,
Ankara, Türkiye*

Prof. Selçuk KAYIR

*Department of Anesthesiology and Reanimation, Faculty of
Medicine, Hitit University, Çorum, Türkiye*

Prof. Taylan AKKAYA

Division of Algology, Department of Anesthesiology and Reanimation, Ankara Bilkent City Hospital, Ankara, Türkiye

Prof. Zeynep Nur AKÇABOY

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

Assoc. Prof. Ceyda ÖZHAN ÇAPARLAR

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

Assoc. Prof. Emine Nilgün ZENGİN

Department of Anesthesiology and Reanimation, Ankara Bilkent City Hospital, University of Health Sciences, Ankara, Türkiye

Assoc. Prof. Gülten ÜTEBEY

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

Assoc. Prof. İlkey Baran AKKUŞ

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

Assoc. Prof. Nevzat Mehmet MUTLU

Division of Intensive Care, Department of Anesthesiology and Reanimation, Ankara Bilkent City Hospital, Ankara, Türkiye

Assoc. Prof. Semih AYDEMİR

Department of Anesthesiology and Reanimation, Ankara Yıldırım Beyazıt University Yenimahalle Training and Research Hospital, Ankara, Türkiye, Ankara, Türkiye

Asst. Prof. Burak NALBANT

Department of Anesthesiology and Reanimation, Faculty of Medicine, Ankara Yıldırım Beyazıt University, Ankara, Türkiye

Prof. Zeliha Aslı DEMİR

Department of Anesthesiology and Reanimation, Ankara Bilkent City Hospital, University of Health Sciences, Ankara, Türkiye

Assoc. Prof. Alparslan KOÇ

Department of Anesthesiology and Reanimation, Mengücek Gazi Training and Research Hospital, Faculty of Medicine, Erzincan Binali Yıldırım University, Erzincan, Türkiye

Assoc. Prof. Emine ARIK

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

Assoc. Prof. Gülsen KESKİN

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

Assoc. Prof. Hülya YİĞİT

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

Assoc. Prof. Münire BABAYİĞİT

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

Assoc. Prof. Ramazan BALDEMİR

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

Assoc. Prof. Yusuf ÖZGÜNER

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

Asst. Prof. Mehmet ŞAHAP

Department of Anesthesiology and Reanimation, Faculty of Medicine, Ankara Yıldırım Beyazıt University, Ankara, Türkiye

Eurasian Journal of
Anesthesiology & Intensive Care
Editorial Board

ENGLISH LANGUAGE EDITOR

Assoc. Prof. Esra Güzel TANOĞLU

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

STATISTICS EDITOR

Assoc Prof. Onur KÜÇÜK

Department of Anesthesiology and Reanimation, Faculty of Medicine, Dokuz Eylül University, İzmir, Türkiye

LAYOUT EDITOR

Kübra YÜRÜMEZ

Graphic/Design, MediHealth Academy Publishing, Ankara, Türkiye

Eurasian Journal of
Anesthesiology & Intensive Care
Contents

Volume: 3 Issue: 3 Year: 2026

ORIGINAL ARTICLES

- Association of inflammatory markers (Inflammatory Burden Index, Systemic Inflammation Response Index, Systemic Immune-Inflammation Index) and modified Glasgow Prognostic Score with 30- and 90-day mortality in a level 3 surgical intensive care unit..... 56-62
Soylu VG, Yılmaz A, Taşkın Ö, et al.
- Antibacterial effects of levobupivacaine against *Staphylococcus aureus* in a patient-controlled epidural analgesia model: an in vitro experimental study..... 63-67
Akinci G.
- Clinical, microbiological, and biomarker profiles of mechanically ventilated ICU patients with positive tracheal aspirate cultures 68-76
Çimen F, Tümtürk A, Çakmak AB.

CASE REPORTS

- Challenges in airway management in patients undergoing thyroid surgeries—a case series..... 77-82
Mateyadka MM, Turai A, Shivashankar A, Kaur N.
- Suspected sevoflurane-associated hypersensitivity reaction in a pediatric patient: a case report..... 83-85
Gençay I, Keleş YA, Aydın G, Peker K, Polat E, Gençay C.