

AJAIC

The Anatolian Journal of
**Anesthesiology &
Intensive Care**



www.ajaic.com

ISSN: 3108-544X

Volume: 2 Issue: 1 Year: 2026

About the Journal

The Anatolian Journal of Anesthesiology and Intensive Care (AJAIC) is a peer-reviewed, independent, and open-access scientific journal devoted to promoting scientific knowledge and research in anesthesiology, pain medicine, and intensive care medicine. The journal publishes original research articles, clinical and experimental investigations, narrative and systematic reviews, unique case reports, editorial perspectives, letters to the editor, and discussions addressing recent advances influencing clinical practice.

Upholding rigorous scientific quality and ethical publishing standards, AJAIC conducts a double-blind peer-review process to ensure objective and high-quality evaluation of submitted manuscripts, in accordance with international ethical guidelines including COPE, WAME, and ICMJE. As part of the editorial evaluation process, manuscripts are subject to plagiarism assessment in accordance with international ethical standards.

The journal serves as a scientific forum for national and international researchers, physicians, and healthcare professionals, aiming to contribute to the advancement of medical science. AJAIC is published three times annually, in January, May, and September. All articles are published under the Creative Commons Attribution 4.0 International (CC BY 4.0) License. The journal publishes in English.

Journal Boards

Editor-in-Chief

Associate Professor Dr. Buket OZYAPRAK

Department of Anesthesiology and Reanimation

University of Health Sciences, Bursa Yüksek İhtisas Training and Research Hospital

Bursa, TÜRKİYE

Associate Editors-in-Chief

Professor Dr. Kemal Tolga SARACOGLU, MD, PhD, DESA, FESAIC

Department of Anesthesiology

University of Florida College of Medicine, UF Health Jacksonville

Jacksonville, Florida, USA

Associate Professor Dr. Gülbahar CALISKAN

Department of Intensive Care Medicine

University of Health Sciences, Bursa City

Hospital Bursa, TÜRKİYE

MD, Specialist Physician Murat ASILISKENDER

Department of Anesthesiology and Reanimation

Ege Hospital

Academician Hasan Aliyev Street 38, AZ1078

Baku, AZERBAIJAN

English Language Editor

MD. Intensive Care Specialist Mürüvvet DAYIOGLU

Department of Anesthesiology and Reanimation

Ankara Etlik City Hospital

Ankara, TÜRKİYE

MD, Resul Onur OZUDOGRU

GlaxoSmithKline (GSK)

Arengo Tower 119, Media City

Dubai, United Arab Emirates

Ethical Editor

Associate Professor Dr. Ebru KARAKOC

Department of Anesthesiology and Reanimation

Faculty of Medicine, Osmangazi University

Eskişehir, TÜRKİYE

Statistics Editor

MD Oğuzhan CANAKCI

Department of Emergency Medicine

Doruk Bursa Medical Center

Bursa, TÜRKİYE

Editorial Board

Professor Dr. Abdülkadir ISKENDER

Department of Anesthesiology and Reanimation

University of Health Sciences, Bursa Faculty of Medicine

Bursa, TÜRKİYE

Professor Dr. Ayten SARACOGLU, MD, PhD, DESA, FESAIC, FEBS

Department of Anesthesiology

University of Florida College of Medicine, UF Health Jacksonville

Jacksonville, Florida, USA

Professor Dr. Canan BALCI

Department of Anesthesiology and Critical Care Medicine

University of Health Sciences, Hamidiye Medical School

Ümraniye Research and Training Hospital

Anesthesiology and Intensive Care Clinic Education and Administrative Manager

Istanbul, TÜRKİYE

Professor Dr. Derya KARASU

Department of Anesthesiology and Reanimation

University of Health Sciences, Bursa Faculty of Medicine

Bursa, TÜRKİYE

Professor Dr. Nermin KELEBEK GIRGIN

Department of Intensive Care Medicine

University of Health Sciences, Bursa Faculty of Medicine

Bursa, TÜRKİYE

Professor Dr. Osman EKINCI

Head of Department of Anesthesiology and Critical Care Medicine

University of Health Sciences, Hamidiye Medical School

Haydarpasa Numune Training and Research Hospital

Anesthesiology and Intensive Care Clinic Education and Administrative Manager

Istanbul, TÜRKİYE

Professor Dr. Zekeriya ALANOGLU

Department of Anesthesiology Barnes-Jewish Hospital

660 South Euclid Avenue St Louis, MO, 63110 USA

MD, Specialist Physician Başak ASILISKENDER

Department of Anesthesiology and Reanimation Ege Hospital

Academician Hasan Aliyev Street 38, AZ1078

Baku, AZERBAIJAN

Assistant Professor Dr. Ecaterina SCARLATESCU

Department of Anesthesiology and Intensive Care Medicine

Carol Davila University of Medicine and Pharmacy, Bucharest / Romania

Consultant in Anesthesia and Intensive Care Medicine

Fundeni Clinical Institute, Bucharest, ROMANIA

Associate Professor Dr. Emre GURCU

Department of Anesthesiology and Reanimation

University of Health Sciences, Kartal Kosuyolu Training and Research Hospital

Istanbul, TÜRKİYE

Associate Professor Dr. Hande GURBUZ

Department of Anesthesiology and Reanimation

University of Health Sciences, Bursa Faculty of Medicine

Bursa, TÜRKİYE

MD, Specialist Physician Masood IQBAL

Department of Intensive Care Medicine

King Abdullah Medical City Specialist Hospital

Makkah, SAUDI ARABIA

Associate Professor Dr. Mevlüt DOGUKAN

Department of Anesthesiology and Intensive Care

Adıyaman University, Faculty of Medicine

Adıyaman, TÜRKİYE

MD, Specialist Physician Sevda HUSEYNOVA

Department of Anesthesiology and Reanimation

Central Customs Hospital 9RH9+8FR, 118 Kazim Kazimzade Street,

Baku, AZERBAIJAN

Associate Professor Dr. Seyda OZGUNAY

Department of Anesthesiology and Reanimation

University of Health Sciences, Bursa Faculty of Medicine

Bursa, TÜRKİYE

Scientific Advisory Board

Professor Dr. Adrian BELÎ

Department of Anesthesiology and Intensive Care Medicine
Nicolae Testemitanu State University of Medicine and Pharmacy
Chisinau, MOLDOVIA

Professor Dr. Hülya BASAR

Department of Anesthesiology and Reanimation
University of Health Sciences, Ankara Research and Training Hospital
Ankara, TÜRKİYE

Professor Dr. Marija Jovanovski SRCEVA

Department of Anesthesiology and Intensive Care
Ss. Cyril and Methodius University in Skopje, Faculty of Medicine
Skopje, NORTH MACEDONIA

Professor Dr. Yusuf UNAL

Department of Anesthesiology and Reanimation
Faculty of Medicine, Gazi University
Ankara, TÜRKİYE

Associate Professor Dr. Eralp CEVIKKALP

Department of Anesthesiology and Reanimation
University of Health Sciences, Bursa City Hospital
Bursa, TÜRKİYE

Associate Professor Dr. Mürsel EKINCI

Department of Anesthesiology and Reanimation
University of Health Sciences, Bursa Faculty of Medicine
Bursa, TÜRKİYE

MD, Specialist Physician Iana BURMISTR

Department of Pain Medicine
President of Moldovan Society of Study and Management of Pain
MOLDOVIA

Associate Professor Dr. Mahmut ARSLAN

Department of Anesthesiology and Reanimation
Kahramanmaras Sutcu Imam University, Faculty of Medicine
Kahramanmaras, TÜRKİYE

MD, Specialist Physician Rana CAFAROVA

Department of Anesthesiology and Reanimation
Ege Hospital
Academician Hasan Aliyev Street 38, AZ1078
Baku, AZERBAIJAN

Associate Professor Dr. Serhat OZCIFTCI

Department of Anesthesiology and Reanimation
Hitit University, Faculty of Medicine
Corum, TÜRKİYE

Associate Professor Dr. Sermin EMINOGLU

Department of Anesthesiology and Reanimation
University of Health Sciences, Bursa Yüksek İhtisas Training and Research Hospital
Bursa, TÜRKİYE

Associate Professor Dr. Tugba ONUR

Department of Anesthesiology and Reanimation
University of Health Sciences, Bursa Yüksek İhtisas Training and Research Hospital
Bursa, TÜRKİYE

Contents	Pages
Evaluation of Anxiety and Depression Symptoms in Caregivers of Patients Requiring Home Care After Intensive Care DOI: https://doi.org/10.71350/ajaic.14 Gönül Erkan, Yılmaz Apaydın, Gürcan Güler	1-12
The Effect of the Time of Favipiravir Initiation on Clinical Course and Mortality among COVID-19 Patients in the Intensive Care Unit DOI: https://doi.org/10.71350/ajaic.15 Halil Erkan Sayan, Korgün Ökmen, İlkey Ceylan	13-20
A 40-Year Bibliometric Analysis of Intensive Care-Themed Anesthesiology Specialization Theses in Turkey (1984–2025) DOI: https://doi.org/10.71350/ajaic.22 Derful Gülen, Ayse Boyaci Gulen	21-29
Bibliometric Analysis of Anesthesiology and Reanimation Residency Theses in Turkey (2016–2025) DOI: https://doi.org/10.71350/ajaic.24 Serpil Ekin, İrem Aksoy	30-38
Perioperative Complications Related to Patient Positioning in Neurosurgical Procedures: A Prospective Observational Study DOI: https://doi.org/10.71350/ajaic.25 Hamide Ayben Korkmaz, Asiye Demirel, Osman Sıla Aydın, Rıfat Akdağ	39-49
Prognosis of COVID-19 in Renal Transplantation Patients DOI: https://doi.org/10.71350/ajaic.2 Canan Gönen, Fatih Seğmen, Elmas Uysal Hacısalihoğlu, Pınar Ulubaşoğlu	50-56
Myocardial Protection in Cardiac Surgery: Physiological Principles and Contemporary Cardioplegia Strategies DOI: https://doi.org/10.71350/ajaic.12 Hicret Kumalar Gişi, Nail Kahraman, Deniz Demir, Gültekin Coşkun, Nöfel Ahmet Binicier, Mehmet Coşkun	57-63