

Turkish Journal of Anaesthesiology & Reanimation

Volume 53 · Issue 4 · August 2025

Evolution from Decompressive Craniectomy to Early Minimally Invasive Surgical Approach for Refractory Increased Intracranial Pressure Treatment: Merit or Social Problems?

Rudin Domi, Filadelfo Coniglione, Gentian Huti, Mario Dauri, Asead Abdyli, Krenar Lilaj, Federico Bilotta

Page 142-146

A Comparative Study on Minimal Flow Anaesthesia in Geriatric and Middle-aged Patients

Sinan Ünsal, Gülay Erdoğan Kayhan, Meryem Onay, Mehmet Sacit Güleç

Page 147-156







Chief Editor

Zekeriyya Alanoğlu®

Washington University in St Louis School of Medicine, St Louis, United States

Associate Editors

Alper Kılıçaslan®

Necmettin Erbakan University Meram Medical Faculty, Selçuk University Meram Medical Faculty, Konya, Türkiye dralperkilicaslan@gmail.com https://orcid.org/0000-0002-2570-5854

Özlem Selvi Cano

Ankara University Faculty of Medicine, Ankara, Türkiye ozlemscan@gmail.com https://orcid.org/0000-0002-1927-9238

Serkan Tulgaro

Samsun Training and Research Hospital, Samsun University, Samsun, Türkiye serkantulgar.md@gmail.com https://orcid.org/0000-0003-1996-7505

Section Editors

Airway Management

Kamil Toker®

Bahçeşehir University School of Medicine, İstanbul, Türkiye

Cardiovascular and Thoracic Anaesthesia

Aslı Demiro

University of Health Sciences, Ankara, Türkiye

Geriatric Anaesthesia

Fatiş Altıntaş®

İstanbul University, Cerrahpaşa School of Medicine, İstanbul, Türkiye

Intensive Care

Beliz Bilgilio

Marmara University School of Medicine, İstanbul, Türkiye

Neuroanaesthesia

Başak Ceyda Meço®

Ankara University School of Medicine, Ankara, Türkiye

Obstetric Anaesthesia

Tülay Şahin®

Kocaeli University School of Medicine, İzmir, Türkiye

Orthopaedic Anaesthesia

Nezih Sertöz®

Ege University School of Medicine, İzmir, Türkiye

Outpatient Anaesthesia

Leyla İyilikçi®

Dokuz Eylül University School of Medicine, İzmir, Türkiye

Pain

Meltem Uyar®

Ege University School of Medicine, İzmir, Türkiye

Paediatric Anaesthesia

Serpil Ustalar Özgen®

Acıbadem University School of Medicine, İstanbul, Türkiye

Perioperative Care

Oya Yalçın Çok®

Penn State College of Medicine Milton S. Hershey Medical Center Hershey, PA, USA

Regional Anaesthesia

Yavuz Gürkan®

Koç University School of Medicine, Kocaeli, Türkiye

Social Media Editor

Ceyda Özhan Çaparlar®

University of Health Sciences, Ankara Etlik City Hospital, Ankara, Türkiye



Consultants in Biostatistics

Naci Murato

Ondokuz Mayıs University Department of Industrial Engineering, Samsun, Türkiye

Ferruh Ayoğlu®

Zonguldak Bülent Ecevit University Faculty of Medicine, Zonguldak, Türkiye

Pınar Günel®

Sanko University School of Medicine, Gaziantep, Türkiye

Fatma Ezgi Cano

Katip Celebi University School of Medicine, İzmir, Türkiye

Gülser Çalışkan®

University of Verona, Verona, Italy

Editorial Board

Jan Bakker

Division of Pulmonary, Allergy, and Critical Care, Columbia University College of Physicians and Surgeons; Department of Pulmonary and Critical Care, New York University, Bellevue Hospital, New York, USA; Department of Intensive Care Adults, Erasmus MC University Medical Center, Rotterdam, Netherlands

Zeev Goldik

Department of Anaesthesia and Intensive Care, Post-Anaesthesia Care Unit, Lady Davis Carmel Medical Centre, Haifa, Israel

Can İnce

Department of Intensive Care Adults, Erasmus MC University Medical Centre, Rotterdam, The Netherlands

Jan Peter Jantzen

Department Anaesthesiology, Intensive Care and Pain Center, School of Medicine, Johannes Gutenberg University, Mainz, Germany

Zsolt Molnar

Department of Anaesthesia and Intensive Therapy, Szeged University, Szeged, Hungary

Rolf Rossaint

Department of Anaesthesiology, Medical Faculty of University, Aachen, Germany

Philippe Scherpereel

Department of Anaesthesiology and Reanimation, Lille Region University Hospital, Lille, France

Alparslan Turan

Department of Outcomes Research, Anesthesiology Institute Cleveland Clinic, Ohio, USA

Ashish K. Khanna

Department of Anesthesiology, Section on Critical Care Medicine, Wake Forest School of Medicine, Wake Forest Baptist Health, Winston-Salem, North Carolina, USA

Juan P. Cata

Department of Anesthesiology and Perioperative Medicine, MD Anderson Cancer Center, Houston, Texas, USA

Kurt Ruetzler

Department of Outcomes and General Anesthesiology, Cleveland, Ohio, USA



Publisher Contact
Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1
34093 İstanbul, Türkiye
Phone: +90 (530) 177 30 97
E-mail: info@galenos.com.tr/yayin@galenos.com.tr
Web: www.galenos.com.tr Publisher Certificate Number: 14521

Publishing Date: August 2025 E-ISSN: 2667-6370 International scientific journal published bimonthly.



Please refer to the journal's webpage (https://turkjanaesthesiolreanim.org/) for "Ethical Policy", "Instructions to Authors" and "Instructions to Reviewers".

The editorial and publication process of the Turkish Journal of Anaesthesiology and Reanimation are shaped in accordance with the guidelines of the International Committee of Medical Journal Editors (ICMJE), World Association of Medical Editors (WAME), Council of Science Editors (CSE), Committee on Publication Ethics (COPE), European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing. Turkish Journal of Anaesthesiology and Reanimation is indexed in **PubMed Central**, **Web of Science - Emerging Sources Citation Index, Scopus, DOAJ, TUBITAK ULAKBIM TR Index, China National Knowledge Infrastructure (CNKI), EMBASE, EmCare, CINAHL, ProQuest and Gale.**

The journal is published online.

Owner: Ali Fuat Erdem on behalf of the Turkish Anesthesiology and Reanimation Association

Responsible Manager: Zekeriyya Alanoğlu



Contents

T		Α.		10
к	eview	Δ 10	11	റിക
11	CVICVV	7 8 1	UL	CIC

NT
Neuroanaesthesia Evolution from Decompressive Craniectomy to Early Minimally Invasive Surgical Approach for Refractory Increased Intracranial Pressure Treatment: Merit or Social Problems?
Rudin Domi, Filadelfo Coniglione, Gentian Huti, Mario Dauri, Asead Abdyli, Krenar Lilaj, Federico Bilotta
Original Articles
Geriatric Anaesthesia
A Comparative Study on Minimal Flow Anaesthesia in Geriatric and Middle-aged Patients
Orthopedic Anaesthesia
Evaluation of ASA, SORT, and ACCI Scores in Predicting the Need for Postoperative Intensive Care Unit Admissions After Hip Surgery
Neslihan Gezer, Lütfiye Pirbudak, Elzem Şen, Ayşe Mızrak
Cardiovascular and Thoracic Anaesthesia
Comparison of EuroSCORE II and STS Risk Scoring Systems in Patients who Underwent Open-heart Surgery
Intensive Care
Should I Change Anticoagulane in Veno-Venous ECMO?
Case Report
Regional Anaesthesia
Stereotactic Brain Biopsy with Awake Craniotomy: Our Awake Craniotomy Experience on a Complicated Case and Mini Review 17 Can Ozan Yazar, Atakan Sezgi, Musa Zengin, Caner Ünlüer, Seyyid Furkan Kına, Emine Arık, Elif Şule Özdemir Sezgi, Jülide Ergil
Letter to the Editor

Berrin Günaydın