

Turkish Journal of Anaesthesiology & Reanimation

Volume 50 · Issue 4 · August 2022

Comparison of Ultrasound-Guided Infraclavicular Brachial Plexus Block Sensorial Duration in Diabetic and Non-diabetic Patients: A Prospective **Observational Study**

Nur Canbolat, Tuğçe Yeniocak, Emine Aysu Salviz, Nukhet Sivrikoz, Kamil Mehmet Tuğrul, Kahraman Öztürk Page 267

High-Fidelity Simulation to Assess Task Load Index and Performance: A Prospective Observational Study Jérémy Favre-Félix, Mikhail Dziadzko, Christian Bauer, Antoine Duclos, Jean-Jacques Lehot,

Thomas Rimmelé, Marc Lilot

Page 282

Official journal of the TURKISH SOCIETY OF ANAESTHESIOLOGY AND REANIMATION

turkjanaesthesiolreanim.org



Chief Editor

Aslı Dönmez

University of Health Sciences Dışkapı
Yıldırım Beyazıt Hospital, Ankara,
Türkev

Associate Editors

Necati Gökmen

Dokuz Eylül University School of
Medicine, İzmir, Turkey

Pakize Kırdemir

Süleyman Demirel University School
of Medicine, Isparta, Turkey

Özge Köner

Yeditepe University School of
Medicine, İstanbul, Turkey

Section Editors

Airway Management Kamil Toker Bahçeşehir University School of

Bahçeşehir University School of Medicine, İstanbul, Turkey Cardiovascular and

Thoracic Anaesthesia Aslı Demir D University of Health Sciences, Ankara, Turkey

Geriatric Anaesthesia Fatiş Altıntaş D İstanbul University, Cerrahpaşa School of Medicine, İstanbul, Turkey Intensive Care
Beliz Bilgili
Marmara University School of
Medicine, Istanbul, Turkey

Neuroanaesthesia
Başak Ceyda Meço
Ankara University School of
Medicine, Ankara, Turkey

Obstetric Anaesthesia Semra Karaman Ege University School of Medicine, Izmir, Turkey Orthopaedic Anaesthesia Nezih Sertöz Ege University School of Medicine,

Outpatient Anaesthesia Leyla İyilikçi Dokuz Eylül University School of Medicine, İzmir, Turkey

İzmir. Turkev

Pain
Meltem Uyar
Ege University School of Medicine,
Emir, Turkey

Paediatric Anaesthesia Serpil Ustalar Özgen Acıbadem University School of Medicine, İstanbul, Turkey

Perioperative Care Oya Yalçın Çok Başkent University School of Medicine, Adana, Turkey

Regional Anaesthesia Yavuz Gürkan Koç University School of Medicine, İstanbul, Turkey

Social Media Editor

Ceyda Özhan Çaparlar
Anesthesiology and Reanimation
Clinic, University of Health Sciences
Dışkapı Yıldırım Beyazıt Hospital,
Ankara, Turkey

Consultants in Biostatistics

Necdet Süt Trakya University School of Medicine, Edirne, Turkey

Güven Özkaya
Uludağ University School of
Medicine, Bursa, Turkey

Çağatay Büyükuysal Bülent Ecevit University, Zonguldak, Turkey

Pinar Günel
Sanko University School of Medicine,
Gaziantep, Turkey

Fatma Ezgi Can

Katip Çelebi University School of
Medicine, İzmir, Turkey

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

Can İnce
Department of Intensive Care Adults

Can Ince 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

Paolo Pelosi

Department of Surgical Sciences and Integrated Diagnostics, Genoa University, Genova, Italy

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 İbrahim KARA

Centre, Haifa, Israel

Director of Operations Ali ŞAHİN

Editor Bahar ALBAYRAK

Publishing Directors İrem SOYSAL Gökhan ÇİMEN **Publications Coordinators**

Arzu ARI Deniz KAYA Irmak BERBEROĞLU Alara ERGİN Hira Gizem FİDAN Define DOĞAN Vuslat TAŞ Web Coordinators Sinem Fehime KOZ Doğan ORUÇ

Finance Coordinators Elif Yıldız ÇELİK Contact Address:

Büyükdere Cad. 105/9 34394 Mecidiyeköy, Şişli, İstanbul Phone: +90 212 217 17 00 e.mail: info@avesyayincilik.com



Aims and Scope

The Turkish Journal of Anaesthesiology and Reanimation (Turk J Anaesthesiol Reanim) is the open access, online-only, and scientific publication organ of the Turkish Society of Anaesthesiology and Reanimation. The journal is published in accordance with independent, unbiased, and double-blind peer review principles. The journal is published bimonthly, in February, April, June, August, October, and December.

The publication language of the Turkish Journal of Anaesthesiology and Reanimation is English, and the journal requires UK spelling. When preparing their manuscript, authors should use British spellings throughout. However, the journal welcomes manuscripts both in Turkish and English for evaluation; however authors of articles written in Turkish are required to provide the journal with the English version of their accepted article prior to publication.

The aim of the journal is to contribute to the literature and field of anaesthesiology by publishing clinical and experimental research articles, case reports, letters to the editor, study protocols, and scientific conference proceedings that are prepared in accordance with the ethical guidelines in the fields of anaesthesiology, intensive care, and pain therapy. As of 2022, Turkish Journal of Anaesthesiology and Reanimation will not give as much priority to case reports and letters to the editor in the evaluation and publication process. Before submitting your manuscript, please take this into account.

The target audience of the journal includes specialists and medical professionals working in the fields of anaesthesiology, intensive care, and pain therapy.

The editorial and publication processes of the journal 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 (doaj.org/bestpractice).

The Turkish Journal of Anaesthesiology and Reanimation is indexed in PubMed Central, Web of Science - Emerging Sources Citation Index, China National Knowledge Infrastructure (CNKI), TUBITAK ULAKBIM TR Index, EMBASE, Scopus, EmCare, CINAHL, ProQuest, Gale.

Processing and publication are free of charge with the journal. No fees are requested from the authors at any point throughout the evaluation and publication process. All manuscripts must be submitted

via the online submission system, which is available at www.turkjan-aesthesiolreanim.org. The journal guidelines, technical information, and the required forms are available on the journal's web page.

All expenses of the journal are covered by the Turkish Society of Anaesthesiology and Reanimation. Potential advertisers should contact the Editorial Office. Advertisement images are published only upon the Editor-in-Chief's approval.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Turkish Society of Anaesthesiology and Reanimation, editors, editorial board, and/or publisher; the editors, editorial board, and publisher disclaim any responsibility or liability for such materials.

Open Access Statement

The Turkish Journal of Anaesthesiology and Reanimation is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. All published content is available online, free of charge at https://turk-janaesthesiolreanim.org/EN. Authors retain the copyright of their published work in The Turkish Journal of Anaesthesiology and Reanimation. The journal's content is licensed under a Creative Commons Attribution (CC BY) 4.0 International License which permits third parties to share and adapt the content for any purpose by giving the appropriate credit to the original work.

You can find the current version of the Instructions to Authors at: https://turkjanaesthesiolreanim.org/en/instructions-to-authors-1029.

All published content is available online, free of charge at www. turkjanaesthesiolreanim.org.



Chief Editor: Aslı Dönmez

Address: University of Health Sciences Dışkapı Yıldırım Beyazıt

Hospital, Ankara, Turkey

E-mail: aslidonmez@hotmail.com Web: www.turkjanaesthesiolreanim.org

Publisher: AVES

Address: Büyükdere Cad. 105/9 34394 Mecidiyeköy, Şişli, İstanbul, Turkey Phone: +90 (212) 217 17 00 E-mail: info@avesyayincilik.com Web: www.avesyayincilik.com



Contents

Reviews	
Other	
Safe Hugs in Palliative Care Aykut Sarıtaş, Uğur Uzun, Pelin Uzun Sarıtaş	238
Perioperative Care	
Pharmacological Interventions for the Treatment and Control of Shivering in Adult Patients Undergoing Elective Surgery Under Regional Anaesthesia: A Systematic Review and Meta-Analysis Malika Hameed, Naureen Akber Ali, Khalid Ahsan, Mohsin Nazir	246
Original Articles	
Airway Management	
Comparison of C-MAC and McGrath-MAC Videolaryngoscopes for Intubation in Patients with Normal Airway by Donned Anaesthesiologists Using an Intubation Box During COVID-19 Pandemic: A Prospective, Randomized Study Nishkarsh Gupta, Riniki Sarma, Saurabh Vig, Vinod Kumar, Anju Gupta, Seema Mishra, Sushma Bhatnagar	255
Perioperative Care	
A Comparative Study of Cuff Pressure Changes of Endotracheal Tube with the Use of Air Versus Nitrous Oxide in the Anaesthetic Gas Mixture During Laparoscopic Surgery Pradeesh Johny, Sivakumar Segaran, Mysore Venkatakrishnan Vidya, Mamie Zachariah, Sagiev George Koshy	261
Regional Anaesthesia	
Comparison of Ultrasound-Guided Infraclavicular Brachial Plexus Block Sensorial Duration in Diabetic and Non-diabetic Patients: A Prospective Observational Study Nur Canbolat, Tuğçe Yeniocak, Emine Aysu Salviz, Nukhet Sivrikoz, Kamil Mehmet Tuğrul, Kahraman Öztürk	267
Other	
Correlation of Clinical Course with Computed Tomography Findings and Biochemical Parameters at the Time of Admission in COVID-19 Patients Ezel Yaltırık Bilgin, Erkan Bilgin, Hatice Fidan, Yıldıray Çelenk, Tuğba Tok	274
High-Fidelity Simulation to Assess Task Load Index and Performance: A Prospective Observational Study Jérémy Favre-Félix, Mikhail Dziadzko, Christian Bauer, Antoine Duclos, Jean-Jacques Lehot, Thomas Rimmelé, Marc Lilot	282
Evaluation of Anxiety, Depression, and Work-Related Strain Inventory of Code Blue Teams in Turkey During the COVID-19 Pandemic: A Cross-Sectional Survey Study Levent Özdemir, Handan Birbiçer, Nurcan Doruk, Aslınır Sagün	288



Change in Sleep Quality of Residents the Night Before High-Fidelity Simulation: Results From a Prospective 1-Year National Survey Marion Calmettes, Lucas Denoyel, Antoine Duclos, Corinne Lejus-Bourdeau, Antonia Blanié, Caroline Forestier, Floriane Ciceron, Laurent Mattatia, Clément Buleon, Cédric Damm, Gilles Mahoudeau, Jean-Jacques Lehot, Thomas Rimmelé, Marc Lilot	295
Case Reports	
Airway Management	
Difficult Ventilation in an Infant After Successful Intubation Kübra Evren Şahin, Canan Salman Önemli	303
Perioperative Care	
Point of Care Ultrasound-Diagnostic Approach of an Atypical Negative Pressure Pulmonary Oedema André Silva, Inês Furtado, Beatriz Grenho, Marta Isidoro	306
Serotonin Syndrome after PACU Administration of Tramadol and Meperidine Rachel Gray, Arnold Moore III, Fiona Berry, Farzana Afroze, Divya Cherukupalli	309
Regional Anaesthesia	
Anomalous Course of the Brachial Plexus Identified During Ultrasound-Guided Brachial Plexus Nerve Block Steven B. Porter, Hillary W. Garner, Bradley S. Schoch, Peter M. Murray, Christopher B. Robards, Michael J. Franco	312
Obstetric Anaesthesia	
Management of an Uncorrected Tetralogy of Fallot for Caesarean Section Using Low-Dose Combined Spinal Epidural Anaesthesia Under Advanced Haemodynamic Monitorization Nuray Camgöz Eryılmaz, Gökçen Emmez, Bedirhan Keskin, Özge Arabacı, Berrin Günaydın	315