

Challenge Journal of

PERIOPERATIVE MEDICINE

Vol.3 No.3 (2025)

acute pain anesthesiology artificial
intelligence decision making erector
spinae evaluation evidence-based care
fluid management monitoring nerve block
pain management perichondral approach
perioperative medicine plane blocks
postoperative pain reanimation recovery
program regional anesthesia remedy
risk score simulation models surgery
surgical optimization ultrasound tests



TULPAR
ACADEMIC PUBLISHING

ISSN 2980-292X



Challenge Journal

OF PERIOPERATIVE MEDICINE

EDITOR-IN-CHIEF

Prof. Dr. Ali AHISKALIOĞLU | *Atatürk University, Türkiye*

DEPUTY EDITOR-IN-CHIEF

Prof. Dr. Serkan TULGAR | *Samsun University, Türkiye*

EDITORIAL BOARD

Dr. Abdelghafour ELKOUNDI	<i>Mohammed V University, Morocco</i>
Dr. Ahmet Murat YAYIK	<i>Atatürk University, Türkiye</i>
Dr. Aleksandar DIMITROVSKI	<i>University "Ss. Cyril and Methodius", North Macedonia</i>
Dr. Alessandro De CASSAI	<i>Padua University, Italy</i>
Dr. Alper KILIÇASLAN	<i>Necmettin Erbakan University, Türkiye</i>
Dr. Amina BENYOUCEF	<i>Central Military Hospital of Algiers, Algeria</i>
Dr. Ashok JADON	<i>Tata Motors Hospital, India</i>
Dr. Baha Hamdi ALKAHLOUT	<i>Hamad General Hospital, Qatar</i>
Dr. Başak ALTIPARMAK	<i>Muğla Sıtkı Koçman University, Türkiye</i>
Dr. Bahadır ÇİFTÇİ	<i>Medipol University, Türkiye</i>
Dr. Bora BİLAL	<i>Kahramanmaraş Sütçü İmam University, Türkiye</i>
Dr. Elif ORAL AHISKALIOĞLU	<i>Atatürk University, Türkiye</i>
Dr. Emanuele PIRACCINI	<i>Bellaria Hospital, Italy</i>
Dr. Erkan Cem ÇELİK	<i>Atatürk University, Türkiye</i>
Dr. Ersin KÖKSAL	<i>Ondokuz Mayıs University, Türkiye</i>
Dr. Federico GERALDINI	<i>Padua University, Italy</i>
Dr. Hacı Ahmet ALICI	<i>Medipol University, Türkiye</i>
Dr. Jon WILTON	<i>Mercy Mount Shasta, USA</i>
Dr. Madan NARAYANAN	<i>Frimley Health NHS Foundation Trust, UK</i>
Dr. Mine ÇELİK	<i>Başakşehir Çam and Sakura City Hospital, Türkiye</i>
Dr. Muhammed Enes AYDIN	<i>Atatürk University, Türkiye</i>
Dr. Mustafa SÜREN	<i>Samsun University, Türkiye</i>
Dr. Mürsel EKİNCİ	<i>Bursa City Hospital, Türkiye</i>
Dr. Nadia HERNANDEZ	<i>The University of Texas, USA</i>
Dr. Onur SELVİ	<i>University College London Hospitals, UK</i>
Dr. Sandeep M. DIWAN	<i>Sancheti Hospital, India</i>
Dr. Selin GÜVEN KÖSE	<i>Kocaeli Derince Training and Research Hospital, Türkiye</i>

STATISTICAL EDITORS

Dr. Ferruh Niyazi AYOĞLU | *Bülent Ecevit University, Türkiye*

LANGUAGE EDITORS

Dr. David Terence THOMAS | *Maltepe University, Türkiye*
Dr. Miraç Selcen ÖZKAL YALIN | *Atatürk University, Türkiye*

SOCIAL MEDIA EDITORS

Dr. Yunus Emre KARAPINAR | *Atatürk University, Türkiye*

E-mail: cjpm@challengejournal.com

Web page: cjpm.challengejournal.com

Tulpar Academic Publishing
www.tulparpublishing.com





Challenge Journal

OF PERIOPERATIVE MEDICINE

CONTENTS

Research Articles

**Evaluation of quality of life and psychosocial factors in hemodialysis patients:
A medical student-led observational survey study from a Turkish university hospital** 76–80

Emrah Ereren, Ilker Hasan Karal, Askin Kilic, Ilayda Danismaz

**Cost-effectiveness of fascial plane blocks in laparoscopic cholecystectomy:
A retrospective study** 81–87

Serpil Sehirlioglu

**Retrospective comparison of anesthetic effects of bupivacaine
and bupivacaine + dexmedetomidine in infraclavicular brachial
plexus block in upper limb surgery** 88–94

Şahan Şahinkaya, Elif Başağan Moğol, Leman Gökçenur Aydın, Selcan Akesen

**Levobupivacaine versus bupivacaine for spinal anesthesia in jackknife position:
A randomized trial in pilonidal sinus surgery** 95–99

Hamiyet Senol Cakmak, Onur Ozlu

**Evaluation of the content quality of regional anesthesia and postoperative analgesia
approaches generated by ChatGPT-4.0 according to surgical incision sites** 100–105

Müzeyyen Beldağlı

**Deep serratus anterior plane block vs. rhomboid intercostal plane block for analgesia
after breast cancer surgery: A prospective, double-blind randomized study** 106–110

Doğukan Kilit, Zeliha Özer

Errata/Corrigenda

**Erratum to: The impact of vagal nerve stimulation from the lateral
neck region on venous cannulation pain: A randomized controlled trial** 111–111

Senay Canikli Adiguzel, Emre Can Soydan, Ebru Kayikci, Mustafa Suren, Ismail Okan

