



ISSN: 2564-6850
e-ISSN: 2564-7032

TURKISH JOURNAL OF SURGERY

OFFICIAL JOURNAL OF TURKISH SURGICAL SOCIETY

www.turkjsurg.com





TURKISH JOURNAL OF SURGERY

OFFICIAL JOURNAL OF TURKISH SURGICAL ASSOCIATION

Editor-in-Chief

M. Umit UGURLU

Istanbul, Türkiye

E-mail: umitugurlu@gmail.com

ORCID: orcid.org/0000-0002-4757-5560

Deputy Editors

Anil ERGIN

Istanbul, Türkiye

ORCID: orcid.org/0000-0001-6450-7124

Murat OZDEMIR

Izmir, Türkiye

ORCID: orcid.org/0000-0002-4717-4337

Statistical Consultant

Esra AKDENİZ

Istanbul, Türkiye

Creative Director and Visual Abstracts Editor

Sina Mokhtare

Istanbul, Türkiye

Baris Sevinc

Usak, Türkiye

Ethics Editor

Gurkan SERT

Istanbul, Türkiye

Associate Editors

Ozgur AKGUL

Ankara, Türkiye

ORCID: orcid.org/0000-0002-3762-3987

Cigdem ARSLAN

Istanbul, Türkiye

ORCID: orcid.org/0000-0002-2282-7207

Muhammer ERGENC

Istanbul, Türkiye

ORCID: orcid.org/0000-0002-9233-0570

Serhan YILMAZ

Ankara, Türkiye

ORCID: orcid.org/0000-0002-5612-5932

Adnan GUNDOGDU

Istanbul, Türkiye

ORCID: orcid.org/0000-0003-2341-3572

Yigit TURK

Izmir, Türkiye

ORCID: orcid.org/0000-0001-9755-8163



Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1

34093 İstanbul, Türkiye

Phone: +90 (530) 177 30 97 / +90 (539) 307 32 03

E-mail: info@galenos.com.tr / yayin@galenos.com.tr

Web: www.galenos.com.tr

Publisher Certificate Number: 14521

Online Publication Date: December 2025

ISSN: 2564-6850

e-ISSN: 2564-7032

International scientific journal published quarterly.



Editorial Board

Murat Akin

(Ankara, Türkiye)

Melih Akinci

(Ankara, Türkiye)

Omer Alabaz

(Adana, Türkiye)

Juan Asensio

(New York, USA)

Ahmet Kessaf Aslar

(Ankara, Türkiye)

Eren Berber

(Cleveland, USA)

Peter Brennan

(Portsmouth, UK)

Wim Ceelen

(Ghent, Belgium)

J. Calvin Coffey

(Limerick, Ireland)

Baki Ekci

(Istanbul, Türkiye)

Seher Demirer

(Ankara, Türkiye)

Sukru Emre

(New Haven, USA)

Serap Erel

(Ankara, Türkiye)

Ayhan Bulent Erkek

(Ankara, Türkiye)

Abe Fingerhut

(Paris, France)

Bahadır M Gulluoglu

(Istanbul, Türkiye)

Michel Gagner

(Montreal, Canada)

Seza Gulec

(Miami, USA)

Fraga Gustavo

(Campinas, Brezilya)

Mark A. Hardy

(New York, USA)

Arda Isik

(Istanbul, Türkiye)

Ahmet Serdar Karaca

(Istanbul, Türkiye)

Guldeniz Karadeniz Cakmak

(Zonguldak, Türkiye)

Andreas Karakatsanis

(Uppsala, Sweden)

Hasan Karanlik

(Istanbul, Türkiye)

Cuneyt Kayaalp

(Istanbul, Türkiye)

Magnus Kjellman

(Stockholm, Sweden)

Ashutosh Kotari

(London, UK)

Vitor Kurger

(Campinas, Brezilya)

Christos Markopoulos

(Athens, Greece)

Julio Mayol

(Madrid, Spain)

John Melissas

(Heraklios, Greece)

Thomas Minor

(Duisburg, Germany)

Gokhan Moray

(Ankara, Türkiye)

Faik Ozelik

(Istanbul, Türkiye)

Beyza Ozcinar

(Istanbul, Türkiye)

Feza Remzi

(New York, USA)

Ayten Saracoglu

(Doha, Qatar)



Mitsuru Sasako

(Tokio, Japan)

Gianfranco Silecchia

(Rome, Italy)

Atilla Soran

(Pittsburg, USA)

Henrik Thorlacius

(Malmö, Sweden)

Serdar Topaloglu

(Istanbul, Türkiye)

René Towbla

(Aachen, Germany)

Ahmet Deniz Ucar

(Ankara, Türkiye)

Selman Uraneus

(Graz, Austria)

Ali Uzunkoy

(Sanliurfa, Türkiye)

Constantine Vagianos

(Pireus, Greece)

Brigitte Vollmar

(Rostock, Germany)

Peter Wysocki

(Brisbane, Australia)

Berrak Caglayan Yegen

(Istanbul, Türkiye)

Sezai Yilmaz

(Malatya, Türkiye)

Turkish Journal of Surgery Newbies

Coordinator

Sarp Tunalı

(Izmir, Türkiye)

Members

Anil Tugay Ozcan

(Ankara, Türkiye)

Recep Temel

(Izmir, Türkiye)

Ali Yildirim

(Adana, Türkiye)

Abdullah Akbas

(Diyarbakir, Türkiye)

Vahap Orhun Topuz

(Kayseri, Türkiye)

Deniz Batun

(Istanbul, Türkiye)

Ipek Yorgancioglu

(Zonguldak, Türkiye)

Gizem Sucu

(Ankara, Türkiye)

Türk Cerrahi Derneği

Address: Kuru Mah. Ihlamur Cad. No: 26 06810 Çayyolu / ANKARA

Phone: +90 312 241 99 90

Fax: +90 312 241 99 91

E-mail: turkcer@turkcer.org.tr

Owner/Editorial Manager

Ahmet Serdar KARACA

(Owner on behalf of the Turkish Surgical Society)

Please refer to the journal's webpage (<https://turkjsurg.com/>) for "Aims and Scope" and "Instructions to Authors".

The editorial and publication process of the Turkish Journal of Surgery are shaped in accordance with the guidelines of ICMJE, WAME, CSE, COPE, EASE, and NISO. The journal is in conformity with the Principles of Transparency and Best Practice in Scholarly Publishing.

Turkish Journal of Surgery is indexed in PubMed Central, Web of Science-Emerging Sources Citation Index, TUBITAK ULAKBIM TR Index, Embase and Scopus.

Owner: Turkish Surgical Society

Responsible Manager(s): Mustafa Ümit Uğurlu



CONTENTS

ORIGINAL ARTICLES

- 347 Long-term outcomes of extended versus segmental resection for transverse colon cancer: A population-based analysis based on the SEER database**
Çiğdem Benlice, Metincan Erkaya, Afag Aghayeva, Volkan Özben, Emre Görgün, Deniz Atasoy, Bilgi Baca; İstanbul, Türkiye; Cleveland, Ohio, US
- 355 Transfusion requirements as a surrogate marker of mortality and morbidity in adults with severe burns: A retrospective cohort study**
Ayten Saraçoğlu, Sezer Yakupoğlu, Mariah Arif, Ezgi Hatip Ünlü, Nouran El Tantawi, Amgad M Elshoeibi, Tahsin Şimşek, Gaye Filinte, Kemal T Saraçoğlu; Florida, USA, İstanbul, Türkiye; Doha, Qatar
- 363 Risk factors for bowel resection and postoperative complications in incarcerated abdominal wall hernia**
Gizem Kılınç Tuncer, Korhan Tuncer, Buğra Sağlam, Mehmet Üstün; İzmir, Türkiye
- 369 De novo malignancy development following kidney transplantation: Managing risks and outcomes in clinical practice**
Amil Huseynov, Sevim Nuran Kuşlu Çiçek; İstanbul, Türkiye
- 374 Proactive fat grafting from the breast area in gynecomastia surgery: Impact on the prevention of contour irregularities and patient satisfaction**
Mert Ersan, Efe Yavuz; İstanbul, Türkiye
- 383 Perioperative airway events in pediatric patients with obesity undergoing bariatric surgery: A retrospective cohort**
Ayten Saraçoğlu, Atchyuta R R Vegesna, Bushra M Abdallah, Amgad M Elshoeibi, Mariah Arif, Al Muiz O A Idrous, Mohsen Karam, Mohamed Rizwan, Moataz M Bashah, Yousif O O M Elhassan, Maya W Janoudi, Kemal T Saraçoğlu; Florida, USA; Doha, Qatar
- 391 The impact of the COVID-19 pandemic on the diagnosis and surgical treatment processes of gastric cancer**
Ekin Ulusoy, Volkan Sayur, Sarp Tunalı, Bahadır Emre Baki, Bekir Çetin, Özgür Fırat, Muhtar Sinan Ersin, Taylan Özgür Sezer; İzmir, Türkiye
- 398 Health and economic outcomes of metabolic bariatric surgery: A patient perspective**
Yonca Özatkan, İsmail Ağırbaş; Ankara, Türkiye
- 411 A prospective study on the outcome of pyonephrosis and infected hydronephrosis drained by percutaneous nephrostomy – a tertiary care centre experience**
Krishnendu Maiti, Souvik Maity, Archismita Santra, Debansu Sarkar; West Bengal, India
- 418 One-stage tunneled de-epithelialized deltopectoral flap for huge head and neck cancer defects in the era of free flaps**
Shadi Awany, Mohammad Zuhdy, Ibrahim Nazif, Ahmed M. Abdellatif, Khalid Atallah, Ahmed Fareed, Ahmed Abdallah; Mansoura, Giza, Egypt; Makkah, Saudi Arabia
- 428 Robot-assisted total vs. unicompartmental knee arthroplasty: A systematic review and meta-analysis**
Syeda Bushra Rizvi, Naseer Ullah, Mursala Tahir, Yousaf Ali, Shah Nawaz Tahir, Nemer Alotaibi, Hasan Nawaz Tahir; Karachi, Peshawar, Pakistan; Shaqra, Saudi Arabia
- 437 Genetic profiling and pathway analysis in bladder carcinoma: Implications for therapeutic targeting**
Sampara Vasishta, Usha Sachidananda Adiga, Alfred J. Augustine; Andhra Pradesh, India
- ### CASE REPORT
- 448 Nipple adenoma; a literature review and our experience with a rare feature**
Betül Güzelyüz, Berrin Papila, Cemal Gündoğdu, Hüseyin Büyükbayram; Hatay, İstanbul, Diyarbakır, Türkiye



VIDEO ARTICLES

- 452** **How I do it: Submucosal hemorrhoidectomy with advanced bipolar technology-modified Parks' method**
Sergey K. Efetov, Akmalbek A. Otabekov, Aleksandra Y. Koziy; Moscow, Russian Federation
- 454** **A simple and sterile method for collecting wound fluid after negative pressure wound therapy**
Hikmet Erhan Güven, Melih Akıncı; Ankara, Türkiye

LETTER TO THE EDITORS

- 458** **Critical appraisal of "predictive score for conversion in laparoscopic cholecystectomy – a prospective study" by V et al.**
Karthik N, Swathi M; Jodhpur, India
- 460** **Pilonidal sinus disease and intergluteal fold depth**
Cüneyt Kayaalp; İstanbul, Türkiye

Index

2025 Referee Index

2025 Author Index

2025 Subject Index