EISSN 2980-1478



Official Journal of the Turkish Association of Urology

Volume 51 • Issue 3 • May 2025

UROLOGY RESEARCH & PRACTICE

Formerly Turkish Journal of Urology



urologyresearchandpractice.org





Editor in Chief

Ateş KADIOĞLU 问

Department of Urology, İstanbul University İstanbul School of Medicine, İstanbul, Türkiye editor@urologyresearchandpractice.org https://ease.org.uk/member-profile/ates-kadioglu/

Managing Editor

Mustafa KADIHASANOĞLU ២

Department of Urology, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty of Medicine, İstanbul, Türkiye m.kadihasanoglu@iuc.edu.tr

Uro-Oncology

Juan Gómez RIVAS Department of Urology, Hospital Clínico San Carlos, Madrid, Spain juangomezr@gmail.com

Andrology (Sexual and Reproductive Medicine)

Ranjith RAMASAMY D Jumeirah American Clinic, Dubai, UAE

Ashok AGARWAL^D Global Andrology Forum, Moreland Hills, USA and Cleveland Cliniz, Ohio, USA

Female Urology & Neurourology

Roger Roman DMOCHOWSKI Department of Urology, Vanderbilt University Medical Center, Nashville, USA

Pediatric Urology

Walid FARHAT Department of Urology, University of Wisconsin, Madison, WI, USA Division of Urology, Hospital for Sick Children and Department of Surgery, University of Toronto, Toronto, Ontario, Canada

Biostatistical Editor

Meryem Merve ÖREN Department of Public Health, İstanbul University İstanbul School of Medicine, İstanbul, Türkiye

Digital Media Editor

Tümay İPEKÇİ D Department of Urology, Bahçeşehir University Faculty of Medicine, İstanbul, Türkiye tumay.ipekci@urologyresearchandpractice.org

Section Editors

Sachit ANAND Department of Pediatric Surgery, All India Institute of Medical Sciences, New Delhi, India

Mario ÁLVAREZ-MAESTRO

Department of Urology, University La Paz Madrid, Madrid, Spain

Emad IBRAHIM

Department of Urology, University of Miami, Miller School of Medicine, Florida, USA

Fardod O'KELLY

Department of Surgical Affairs, Royal College of Surgeons in Ireland, Dublin, Ireland University College Dublin, Dublin, Ireland Department of Paediatric Urology, Beacon Hospital, Dublin, Ireland

Amelia PIETROPAOLO

Department of Urological Surgery, University Hospital Southampton NHS Foundation Trust, Southampton, UK

Pawel RAJVA

Department of Urology, Comprehensive Cancer Center, Medical University of Vienna, Vienna, Austria Department of Urology, Medical University of Silesia, Zabrze, Poland

Editorial Board

Omar ABOUMARZOUK

Department of Surgery, Hamad General Hospital, Hamad Medical Corporation, Doha, Qatar

Ashok AGARWAL

Cleveland Clinic \cdot American Center for Reproductive Medicine, Ohio, USA

Bülent AKDUMAN

Department of Urology, Zonguldak Bülent Ecevit University School of Medicine, Zonguldak, Türkiye

Ali ATAN

Department of Urology, Gazi University, School of Medicine, Ankara, Türkiye

Erhan ATEŞ

Department of Urology, Aydın Adnan Menderes University School of Medicine, Aydın, Türkiye

Derya BALBAY

Department of Urology, Koç University Hospital, İstanbul, Türkiye

Numan BAYDİLLİ

Department of Urology, Erciyes University School of Medicine, Kayseri, Türkiye

Ömer BAYRAK

Department of Urology, Gaziantep University School of Medicine, Gaziantep, Türkiye

Naeem BHOJANI

Department of surgery, University of Montreal, Montreal, Quebec, Canada





Michael L. BLUTE Department of Urology, Mayo Clinic, Minnesota, USA

Guy BOGAERT Department of Urology, UZ Leuven University, Antwerp, Belgium

Marco BORGHESI Department of Urology, University of Genova, Italy

Murat BOZLU Department of Urology, Mersin University School of Medicine, Mersin, Türkiye

Giovanni CACCIAMANI

USC Institute of Urology and Catherine and Joseph Aresty Department of Urology, University of Southern California, Los Angeles, California, USA

Eric CHUNG

Department of Urology, University of Queensland and Princess Alexandra Hospital, Woolloongabba, Australia

Selahittin ÇAYAN Department of Urology, Mersin University School of Medicine, Mersin, Türkiye

Vincent DE CONINCK Department of Urology, Augustijnslei, Brasschaat, Belgium

Alex DIGESU Department of Urogynaecology, St. Mary's Hospital, Imperial College London, London, UK

Collin P. DINNEY Department of Urology, University of Texas MD Anderson Cancer Center, Houston, Texas, USA

Jose Lous DOMINGUEZ Jefe de Servicio de Urología, Instituto Valenciano de Oncología, Valencia, Spain

Michael Louis EISENBERG Department of Urology, Stanford University Medical Center, Stanford, CA, USA

Dmitry ENIKEEV Institute for Urology and Reproductive Health, Sechenov University, Moscow, Russia

Fikret ERDEMİR Department of Urology, Gaziosmanpaşa University School of Medicine, Tokat, Türkiye

Sakıp ERTURHAN Department of Urology, Gaziantep University, School of Medicine, Gaziantep, Türkiye

Luciano Alves FAVORITO Unidade de Pesquisa Urogenital Universidade do Estado do Rio de Janeiro, Rio de Janeiro, Brasil **Rüştü Cankon GERMİYANOĞLU** Department of Urology, Ondokuz Mayıs University School of Medicine, Samsun, Türkiye

Ali Serdar GÖZEN SLK-Kliniken, Department of Urology, Heidelberg University teaching Hospital, Heilbronn, Germany

Tamsin GREENWELL University College London Hospitals, UK

H. Barton GROSSMAN Department of Urology, University of Texas M. D. Anderson Cancer Center, Houston, TX, USA

Rizwan HAMID Department of Urology, University College London Hospitals & London Spinal Injures Unit, Stanmore, London, UK

Hashim HASHIM Bristol Urological Institute, Southmead Hospital, North Bristol NHS Trust, Bristol, UK

Didier JACQMIN Department of Urology, Hospital Civil, Strasbourg, France

Patrick JONES Haukeland University Hospital, Bergen, Norway

Panagiotis KALLIDONIS Department of Urology, University of Patras, Patras, Greece

Guido KAMPHUIS Department Urology, Amsterdam University Medical Centre, Amsterdam, The Netherlands

Muammer KENDİRCİ Department of Urology, İstinye University School of Medicine, Liv Hospital Ulus, İstanbul, Türkiye

Martin KOYLE Division of Urology, Seattle Children's Hospital, Seattle, WA, USA

Sanjay Balwant KULKARNI Kulkarni School of Urethral Surgery, Pune, India

Pilar LAGUNA Department of Urology, Medipol University School of Medicine, İstanbul, Türkiye

Brian R. MATLAGA Brady Urological Institute, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Suks MINHAS Imperial College Healthcare NHS Trust, Honorary Senior Lecturer, Imperial College, London, UK

Jeremy OCKRIM Consultant Urological Surgeon, University College Hospital London, London, UK





A. Rahmi ONUR Department of Urology, Marmara University School of Medicine, İstanbul, Türkiye

Athanasios PAPATSORIS 2nd Department of Urology, National and Kapodistrian University of Athens, School of Medicine, Sismanoglio Hospital, Athens, Greece

Louis L. PISTERS Department of Urology, MD Anderson Cancer Center, Houston, Texas, USA

Jean de la ROSETTE Department of Urology, Bağcılar Medipol Mega University Hospital, İstanbul, Türkiye

Kemal SARICA Department of Urology, Biruni University School of Medicine, İstanbul, Türkiye

Kymora SCOTLAND Ronald Reagan UCLA Medical Center, Los Angeles CA, USA

Mesrur Selçuk SILAY Clinic of Pediatric Urology, İstanbul Gelişim University, Memorial Hospital, İstanbul, Türkiye

Ajay K. SINGLA Department of Urology, School of Medicine, Toledo University, Ohio, USA

Andreas SKOLARIKOS 2nd Department of Urology, National and Kapodistrian University of Athens, Sismanogleio Hospital, Athens, Greece

Bhaskar K. SOMANI Urological Surgery Department, University Hospital Southampton NHS Trust, Southampton, UK

Prasanna SOORIAKUMARAN Department of Urology, University College London Hospitals, London, UK

Tarkan SOYGÜR Department of Urology, Division of Paediatric Urology, Faculty of Medicine, University of Ankara, Ankara, Türkiye

Mehmet Giray SÖNMEZ Department of Urology, Necmettin Erbakan University Meram School of Medicine, Konya, Türkiye

AVES

Founder İbrahim KARA

General Manager Ali ŞAHIN

Journal Manager Deniz KAYA Publications Coordinators Nisanur ATICI Şeref Mert GÜCÜN Lütfiye ÇETIN Gizem DOĞAN

Finance Coordinator Gözde DOĞAN Anne Françoise SPINOIT Department of Urology, Ghent University Hospital, Ghent, Belgium

Theodoras TOKAS Department of Urology and Andrology, General Hospital Hall in Tirol, Tirol, Austria

Olivier TRAXER Director of the Minimally Invasive Surgery Center Urology, Tenon University Hospital, Paris, France

Barış TÜRKBEY Molecular Imaging Program, National Cancer Institute, National Institutes of Health, Bethesda, MD, USA

Mustafa USTA Department of Urology, Akdeniz University School of Medicine, Antalya, Türkiye

Nikhil VASDEV

Hertfordshire and Bedfordshire Urological Cancer Centre, Lister Hospital (East and North Herts NHS Trust), Watford General Hospital (West Herts NHS Trust), UK

Rajas VEERATTERAPILLARY

Department of Urology, Freeman Hospital, Newcastle Upon Tyne, Newcastle, UK

M. Önder YAMAN

Department of Urology, Ankara University School of Medicine, Ankara, Türkiye

Jeremy YC TEOH

S.H. Ho Urology Centre, Department of Surgery, Prince of Wales Hospital, The Chinese University of Hong Kong, Hong Kong

Selçuk YÜCEL

Department of Urology, Marmara University School of Medicine, İstanbul, Türkiye

Emrah YÜRÜK

BHT Clinic, İstanbul Tema Hospital, İstanbul, Türkiye Department of Urology, İstanbul Yeni Yüzyıl University School of Medicine, İstanbul, Türkiye

Run WANG

University of Texas McGovern Medical School at Houston and MD Anderson Cancer Center, Houston, TX, USA

Publications Technologies

Coordinator Ayça Nur SEZEN

Project Assistant Ozan ŞAHIN Contact Address: Büyükdere Cad. 199/6, 34394, Şişli, İstanbul, Türkiye Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com

Publishing Service: AVES Address: Büyükdere Cad., 199/6 34394 Şişli, İstanbul, Türkiye Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com Webpage: www.avesyayincilik.com





ABOUT

About the Urology Research and Practice

Urology Research and Practice (Urol Res Pract) is a peer-reviewed, open access, online-only journal published by the Turkish Association of Urology.

Urology Research and Practice is a bimonthly journal that is published in English in January, March, May, July, September, and November.

Journal History As of 2023, the journal has changed its title to Urology Research and Practice.

Current Title (2023 - ...) Urology Research and Practice EISSN: 2980-1478

Previous Title (2011 - 2022) Turkish Journal of Urology EISSN: 1300-5804

Previous Title (1976 – 2011) Türk Üroloji Dergisi EISSN: 1300-5804

Abstracting and indexing

Urology Research and Practice is covered in the following abstracting and indexing databases;

- PubMed Central
- Web of Science-Emerging Sources Citation Index
- CNKI
- TUBITAK ULAKBIM TR Index
- Scopus
- HINARI
- EBSCO
- CINAHL
- GALE
- ProQuest
- DOAJ

All content published in the journal is permanently archived in Portico.

Aims, Scope, and Audience

Urology Research and Practice aims to publish studies of the highest scientific and clinical value and encourages the submission of highquality research that advances the understanding and treatment of urological disease.

Urology Research and Practice covers a wide range of topics related to basic and translational science, education and simulation, endourology and stones, female urology and Pelvic Floor Reconstruction, urological infections, laparoscopy and robotics, andrology and infertility, prostatic diseases, reconstructive urology, oncology, and pediatric urology. The journal is interested in publishing original research that addresses important clinical questions and advances the understanding and treatment of these conditions. This may include studies on the effectiveness of different treatments, new diagnostic tools or techniques, and novel approaches to preventing or managing adult and pediatric urological conditions.

Urology Research and Practice publishes clinical and basic research articles, case reports, clinical and technical notes, systematic reviews and meta-analyses and letters to the editor. Conference proceedings may also be considered for publication.





Open Access Policy

Urology Research and Practice is an open access publication.

Starting on January 2022, all content published in the journal is licensed under the Creative Commons Attribution (CC BY) 4.0 International License which allows third parties to read, copy and redistribute the material in any format and adapt the material for any purpose immediately upon publication by giving the appropriate credit to the original work.

The content published before January 2022 was licensed under a traditional copyright, but the archive is still available for free access.

All published content is available online, free of charge at https://urologyresearchandpractice.org/EN.

Authors retain unrestricted copyrights and publishing rights in Urology Research and Practice.

Copyright Policy

A Copyright Agreement and Acknowledgement of Authorship form should be submitted with all manuscripts. By signing this form, authors agree that the article, if accepted for publication by the Urology Research and Practice, will be licensed under a Creative Commons Attribution (CC BY) 4.0 International License which allows third parties to read, copy and redistribute the material in any format and adapt the material for any purpose immediately upon publication by giving the appropriate credit to the original work.

When using previously published content, including figures, tables, or any other material in both print and electronic formats, authors must obtain permission from the copyright holder. Legal, financial and criminal liabilities in this regard belong to the author(s).

Authors retain unrestricted copyrights and publishing rights in Urology Research and Practice.



Editor in Chief: Ateş Kadıoğlu Address: İstanbul Üniversitesi İstanbul Tıp Fakültesi, Üroloji Anabilim Dalı, İstanbul, Türkiye Phone: +90 212 232 46 89 Fax: +90 212 233 98 04 E-mail: info@turkishjournalofurology.com

Publisher: AVES Address: Büyükdere Cad., 105/9 34394 Mecidiyeköy, Şişli, İstanbul, Türkiye Phone: +90 212 217 17 00 E-mail: info@avesyayincilik.com Web page: avesyayincilik.com





CONTENTS

ORIGINAL ARTICLES

Urinary Infact Urology

Unraveling Online Perspectives and Misinformation Surrounding Urinary Tract Infections: A Thematic Analysis of 1200 Instagram Posts	84
Raya Dean, Patrick Juliebø-Jones, Amelia Pietropaolo, Naeem Bhojani, Wissam Kamal, Bhaskar Somani	
Endourology	
Mini-Endoscopic Combined Intrarenal Surgery in Patients with Poor Performance Status: A Retrospective Analysis of Postoperative Fever in Over 1000 Cases Tadashi Tabei, Hiroki Ito, Takaaki Inoue, Takahiko Watanab, Tetsuo Fukuda, Fukashi Yamamichi, Yosuke Shibata,	89
Junichi Matsuzaki, Kazuki Kobayashi	
Retrieval of Knotted and Stripped Guidewires Lost During Percutaneous Intervention on Kidney—A Case Series and Review of Literature	95
Sajad Ahmad para, Sajad Ahmad Malik, Prince Muzafer Wani, Arif Hamid, Abdul Rouf Khawaja, Saqib Mehdi	
Is There a Role for Music Intervention in Reducing Anxiety and Pain in Males During Outpatient Flexible Cystoscopy? A Randomized Controlled Study Atsushi Wanifuchi, Toshiaki Tanaka, Tetsuya Shindo, Yuki Kyoda, Kohei Hashimoto, Naoya Masumori	99
Urooncology	
Biochemical and Histological Characterization of Sorcin Overexpression in Patients Who Underwent Radical Prostatectomy Kenan Toprak, Mehmet Gokhan Culha, Huseyin Ozgur Kazan, Ayberk Iplikci, Gozde Kir, Gozde Ecem Cecikoglu, Ahmad Kado, Hayriye Erman, Asif Yildirim	105
CLINICAL TRIAL	
Pediatric Urology	
Comparison of the Surgical Results of Ventral and Dorsal Dartos Flaps in Tubularized Incised Plate Urethroplasty for Distal Hypospadias: A Randomized Clinical Trial Fateme Tahmasbi, Javad Aliasgarzadeh, Mohsen Mohammad-Rahimi, Behzad Lotfi	111
REVIEW	
Female Urology	
Transvaginal Repair of Supratrigonal, Juxtacervical, Vault, and Apical Vesicovaginal Fistulae: A Systematic Review and Meta-Analysis	117

Mugdha Srivastava, Ankur Mittal, Vikas Kumar Panwar, Yogesh Bahurupi, Arup Kumar Mandal