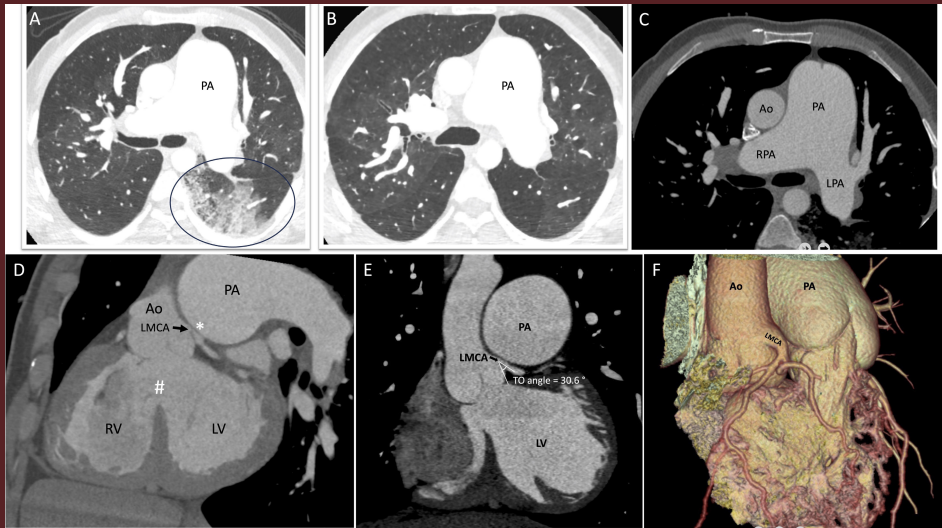


CERRAHPAŞA MEDICAL JOURNAL



Volume 49

EISSN 2687-1904
cerahpasamedj.org

Cerrahpaşa Medical Journal

*On behalf of Journal of İstanbul University-Cerrahpaşa,
Cerrahpaşa Faculty of Medicine-Dean*

Emin KÖSE

Editor

Ali İbrahim HATEMİ

*Department of Internal Medicine,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Section Editors

Cardiology

Burçak KILIÇKIRAN AVCI

*Department of Cardiology,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Infectious Diseases

Bilgöl METE

*Department of Infectious Diseases and Clinical
Microbiology, İstanbul University-Cerrahpaşa, Cerrahpaşa
Faculty of Medicine, İstanbul, Türkiye*

Internal Medicine

Ahmet Emre EŞKAZAN

*Department of Internal Medicine,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Hande Mefkure ÖZKAYA

*Department of Internal Medicine,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Life Sciences

Emine Elif GÜZEL MEYDANLI

*Department of Histology and Embryology, İstanbul
University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine,
İstanbul, Türkiye*

Neurological Sciences

Rahşan KEMERDERE

*Department of Neurosurgery,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Melih TÜTÜNCÜ

*Department of Neurology, İstanbul University-Cerrahpaşa,
Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye*

Obstetrics & Gynecology

Abdullah TÜTEN

*Department of Obstetrics & Gynecology, İstanbul
University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine,
İstanbul, Türkiye*

Pediatrics

Kenan BARUT

*Department of Pediatrics, İstanbul University-Cerrahpaşa,
Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye*

Radiology

Serdar ARSLAN

*Department of Radiology, İstanbul University-Cerrahpaşa,
Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye*

Korgün KORAL

*Department of Radiology,
University of Texas Southwestern Medical Center,
Dallas, TX, USA*

Surgical Sciences

Ozan Onur BALKANAY

*Department of Cardiovascular Surgery,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Pınar Çiğdem KOCAEL

*Department of General Surgery,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Statistical Editor

Murat KİRİŞÇİ

*Department of Biostatistics,
İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of
Medicine, İstanbul, Türkiye*

Past Editors

Selçuk AYBAR

Bülent BERKARDA

Ertuğrul GÖKSOY

Gökhan İPEK

Ali Metin KAFADAR

Altan ONAT

H. Oktay SEYMEN - N. Ahmet ERÖZENCİ

Vural SOLOK

Yalçın TÜZÜN



General Manager
Ali ŞAHİN

Journal Managers
Deniz KAYA
İrmak BERBEROĞLU

Publications Coordinators
Derya AZER
Nisanur ATICI
Şeref Mert GÜCÜN
Lütfiye ÇETİN

**Publications Technologies
Coordinator**
Ayça Nur SEZEN

Project Assistant
Ozan ŞAHİN

Contact
Address: Büyükdere Cad. 199/6,
34394, Şişli, İstanbul
Phone: +90 212 217 17 00
E-mail: info@avesyayincilik.com
Web: www.avesyayincilik.com

Cerrahpaşa Medical Journal

Editorial Board

Metin AKGÜN

Department of Chest Diseases, Ağrı İbrahim Çeçen University Faculty of Medicine, Ağrı, Türkiye

Ahmet Gökhan AKKAN

Department of Medical Pharmacology, Bezmialem Vakıf University Faculty of Medicine Hospital, İstanbul, Türkiye

Salih Murat AKKIN

Department of Anatomy, SANKO University Faculty of Medicine, Gaziantep, Türkiye

Fatih ALTINDAŞ

Department of Anesthesiology and Reanimation, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Fatma AYDIN

Department of Dermatology, Samsun Ondokuz Mayıs University, Faculty of Medicine, Samsun, Türkiye

Nuri AYDIN

Department of Orthopaedics and Traumatology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

İbrahim BAŞARICI

Department of Cardiology, Akdeniz University, Faculty of Medicine, Antalya, Türkiye

Ahmet DİRİCAN

Department of Biostatistics, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Mehmet ELİÇEVİK

Department of Pediatric Surgery, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Altay GEZER

Department of Gynecology and Obstetrics, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Rengin GÜZEL

Department of Physical Medicine and Rehabilitation, Çukurova University Faculty of Medicine, Adana, Türkiye

Feray KARAALİ SAVRUN

Department of Neurology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Sinan KARDEŞ

Department of Medical Ecology and Hydroclimatology, İstanbul University, İstanbul Faculty of Medicine, İstanbul, Türkiye

Özgür KASAPÇOPUR

Department of Pediatrics, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Gürcan KISAKOL

Department of Internal Medicine, Bursa Yüksek İhtisas Training and Research Hospital, Bursa, Türkiye

Suat Nail ÖMEROĞLU

Department of Cardiovascular Surgery, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Bülent ÖNAL

Department of Urology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Şeniz ÖNGÖREN AYDIN

Department of Internal Medicine, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Fulya ÖZ PUYAN

Department of Pathology, Trakya University, Faculty of Medicine, Edirne, Türkiye

Deniz PEKER

Department of Pathology, Emory University, Faculty of Medicine, Georgia, USA

Sait SAĞER

Department of Nuclear Medicine, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Yavuz SELVİ

Department of Psychiatry, Selçuk University, Faculty of Medicine, Konya, Türkiye

Cerrahpaşa Medical Journal

Nurhan SEYAHİ

Department of Internal Medicine, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Suzan ŞAYLISOY

Department of Radiology, Eskişehir Osmangazi University Faculty of Medicine, Eskişehir, Türkiye

Nevbahar TAMÇELİK

Department of Ophthalmology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Necmettin TANRIÖVER

Department of Neurosurgery, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Serkan TEKSÖZ

Department of Surgery, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Mario TİRİBELLİ

Department of Hematology, University of Udine, Trieste, Italy

Demet TOK AYDIN

Department of Anesthesiology and Reanimation, Manisa Celal Bayar University, Faculty of Medicine, Manisa, Türkiye

Akif TURNA

Department of Thoracic Surgery, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Serdal UĞURLU

Department of Internal Medicine, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Hafize UZUN

Department of Biochemistry, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Mehmet Can ÜNLÜ

Department of Orthopaedics and Traumatology, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty of Medicine, İstanbul, Türkiye

Tansu YAMAZHAN

Department of Infection Diseases, Ege University, Faculty of Medicine, İzmir, Türkiye

Bülent Okan YILDIZ

Department of Internal Medicine, Hacettepe University, Faculty of Medicine, Ankara, Türkiye

Sancak YÜKSEL

Pediatric Otolaryngology Otolology, Neurotology and Lateral Skull Base Surgery, Department of Otorhinolaryngology-Head and Neck Surgery, McGovern Medical School, University of Texas Health Science Center at Houston, Texas, USA

About the Cerrahpaşa Medical Journal

Cerrahpaşa Medical Journal is a peer reviewed, open access, online-only journal published by the İstanbul University-Cerrahpaşa.

Cerrahpaşa Medical Journal is a continuously published journal in English. The journal has moved to continuous publication by volume from Volume 49. Rather than publishing content into three online issues per year, all articles are published into a single annual (January-December) volume which will fill throughout the year as each new article is published.

Continuous publication model allows articles to be immediately released online rather than waiting for other articles in the issue to be completed. This model enhances the visibility and accessibility of the latest developments in the field.

Journal History

As of 2019, the journal has changed its title to Cerrahpaşa Medical Journal.

Previous Title (1998-2018)

Cerrahpaşa Tıp Dergisi
ISSN: 1300-5227

Current Title (2019-...)

Cerrahpaşa Medical Journal
EISSN: 2687-1904

Abstracting and Indexing

Cerrahpaşa Medical Journal covered in the following abstracting and indexing databases;

- DOAJ
- EBSCO
- Gale
- China National Knowledge Infrastructure (CNKI)
- TUBITAK ULAKBIM TR Index

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

Aims, Scope, and Audience

Cerrahpaşa Medical Journal aims to make significant contributions to medical literature by publishing manuscripts of the utmost scientific excellence across all fields of medicine. The journal is committed to disseminating original research articles, comprehensive reviews, and impactful letters to the editor, all of which are meticulously prepared in strict accordance with ethical guidelines.

The primary target audience of Cerrahpaşa Medical Journal includes researchers, distinguished physicians, and healthcare professionals who possess a vested interest in or actively engage in various medical disciplines. The journal serves as an esteemed platform for these individuals to remain abreast of the latest advancements, pivotal breakthroughs, and emerging trends within their respective areas of expertise. By offering a wealth of knowledge, the journal seeks to foster robust collaboration, facilitate the exchange of innovative ideas, and ultimately elevate medicine's overall comprehension and practice.

You can find the current version of the Instructions to Authors at <https://cerrahpasamedj.org/en/instructions-to-authors-105>.