



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

VOLUME 21 • ISSUE 1 • JANUARY 2020

## Original Articles

*NQO1 C609T (rs1800566) Gene Variations*

Akadam Teker et al. Giresun, İstanbul, Turkey

*Thrombospondin 1 and Acromegaly*

Demirpençe et al. İzmir, Turkey

*Evaluation of Casting in Congenital Scoliosis*

Erdoğan et al. İstanbul, Turkey

*Neurobiochemical markers in Multiple Sclerosis*

Fırat Oğuz et al. Ankara, Yozgat, Çanakkale, Turkey

*Management of Post-ERCP Perforation*

Sarı et al. Adana, Turkey

*Esophageal Leiomyoma Endoscopy*

Çakar et al. İstanbul, Turkey

*HbA1c Measurement Using POCT*

Şahingöz Erdal et al. İstanbul, Turkey

*PET/CT after NAC for Breast Cancer*

Kezban Berberoğlu. Kocaeli, Turkey

*Polycystic Ovary Syndrome Carotid Artery Intima*

Ünal et al. Kırıkkale, Turkey

*The relationship between hypertensive diseases of pregnancy and ABO-Rh*

Uzundere et al. Diyarbakır, Turkey

*Unilateral sinonasal polyps and systemic inflammation*

Kirgezen et al. İstanbul, Turkey

*Concha Bullosa, Skull Base*

Baki et al. İstanbul, Antalya, Turkey

*Routine Screening Tests and Supportive Treatments*

Kutlu et al. Konya, Turkey

[istanbulmedicaljournal.org](http://istanbulmedicaljournal.org)



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

Owned by on behalf of the Health Sciences University İstanbul Training and Research Hospital  
Özgür YİĞİT

#### Executive Editor

Feray AKBAŞ

#### Editor in Chief

Feray AKBAŞ

Clinic of Internal Diseases, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Turkey

#### Associate Editors

Nevra DURSUN

Clinic of Pathology, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Turkey

Turgut KARABAĞ

Clinic of Cardiology, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Turkey

Serkan SARI

Clinic of General Surgery, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Turkey

#### Owner

Özgür YİĞİT

Clinic of Otorhinolaryngology, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey

#### Publishing Manager

Esra KARABAL ARDA

Specialist of Alternative Medicine, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Türkiye



Galenos Publishing House  
Owner and Publisher  
Derya Mor  
Erkan Mor

Publication Coordinator  
Burak Sever

Web Coordinators  
Turgay Akpınar  
Fuat Hocalar

Graphics Department  
Ayda Alaca  
Çiğdem Birinci  
Gülşah Özgül

Project Coordinators  
Duygu Yıldırım  
Gamze Aksoy  
Hatice Sever  
Melike Eren  
Saliha Tuğçe Evin

Project Assistants  
Pınar Akpınar

Finance Coordinator  
Sevinç Çakmak

Research&Development  
Mert Can Köse  
Mevlûde Özlem Akgüney

#### Publisher Contact

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1  
34093 İstanbul, Turkey  
Phone: +90 (212) 621 99 25 Fax: +90 (212) 621 99 27  
E-mail: info@galenos.com.tr/yayin@galenos.com.tr  
Web: www.galenos.com.tr  
Publisher Certificate Number: 14521

Printing at: Üniform Basım San. ve Turizm Ltd. Şti.  
Matbaacılar Sanayi Sitesi 1. Cad. No: 114 34204 Bağcılar, İstanbul, Turkey  
Phone: +90 (212) 429 10 00  
Certificate Number: 42419  
Printing Date: January 2020  
ISSN: 2619-9793 E-ISSN: 2148-094X  
International periodical journal published three times in a year.



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## Advisory Board

**N. Volkan ADSAY**

Department of Pathology, Emory University Hospital,  
Atlanta GA, USA

**Sedat ALTIN**

Clinic of Chest Diseases, Health Sciences University Yedikule  
Chest Diseases and Chest Surgery Training and Research Hospital,  
İstanbul, Turkey

**Ferihan ARAL**

Department of Endocrine Diseases, İstanbul University  
İstanbul School of Medicine, İstanbul, Turkey

**Baki ARPACI**

Department of Neurology, Bakırköy Psychiatric Hospital,  
İstanbul, Turkey

**Talip ASİL**

Department of Neurology, Bezmialem Vakif University  
School of Medicine, İstanbul, Turkey

**Ali ATAŞ**

Department of Child Health and Diseases, Harran University  
School of Medicine, Şanlıurfa, Turkey

**Yağmur AYDIN**

Department of Plastic and Reconstructive Surgery, İstanbul  
Unviersity-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Mustafa BAŞBUĞ**

Department of Gynecology and Obstetrics, Erciyes University  
School of Medicine, Kayseri, Turkey

**Hasan BEKTAŞ**

Clinic of General Surgery, Health Sciences University İstanbul  
Training and Research Hospital, İstanbul, Turkey

**Levent CANSEVER**

Health Sciences University, Yedikule Chest Diseases and Chest  
Surgery Training and Research Hospital, Clinic of Chest Surgery  
İstanbul, Turkey

**Nil ÇAĞLAR**

Clinic of Physical Therapy and Rehabilitation, Health Sciences  
University İstanbul Training and Research Hospital,  
İstanbul, Turkey

**Gürhan ÇELİK**

Clinic of General Surgery, Health Sciences University İstanbul  
Training and Research Hospital, İstanbul, Turkey

**Oğuz ÇETİNKALE**

Department of Plastic and Reconstructive Surgery, İstanbul  
Unviersity-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Fuat DEMİRKIRAN**

Department of Gynecology and Obstetrics, İstanbul Unviersity-  
Cerrahpaşa School of Medicine, İstanbul, Turkey

**Feza EKİZ**

Department of General Surgery, Hepatobiliary Surgery and  
Gastrointestinal Surgery, İstanbul University İstanbul  
School of Medicine, İstanbul, Turkey

**Murat ELEVLI**

Clinic of Child Health and Diseases, Health Sciences University  
İstanbul Haseki Training and Research Hospital, İstanbul, Turkey

**Haluk EMİR**

Department of Pediatric Surgery, İstanbul Unviersity-Cerrahpaşa  
School of Medicine, İstanbul, Turkey

**Veysel ERDEN**

Clinic of Anesthesiology and Reanimation, Health Sciences  
University İstanbul Training and Research Hospital,  
İstanbul, Turkey

**Acar AREN**

Clinic of General Surgery, Health Sciences University  
İstanbul Training and Research Hospital, Turkey

**Elvan ERHAN**

Department of Algology, Ege University School of Medicine,  
İzmir, Turkey

**Selim GÖKÇE**

Department of Pediatric Gastroenterology, Biruni University  
School of Medicine, İstanbul, Turkey

**Gonca GÖKDEMİR**

Clinic of Dermatology, Health Sciences University Şişli Hamidiye  
Etfal Training and Research Hospital, İstanbul, Turkey

**Behiye Pınar GÖKSEDEF**

Clinic of Gynecologic Oncology Surgery, Private Gaziosmanpaşa  
Hospital, İstanbul, Turkey

**Mehmet Salih GÜREL**

Department of Dermatology, İstanbul Medeniyet University  
School of Medicine, İstanbul, Turkey

**Abdül Cem İBIŞ**

Department of General Surgery, Hepatobiliary Surgery, İstanbul  
University İstanbul School of Medicine, İstanbul, Turkey

**Gökhan İPEK**

Department of Cardiovascular Surgery, İstanbul Unviersity-  
Cerrahpaşa School of Medicine, İstanbul, Turkey

**Sibel KALAÇA**

Department of Public Health, Marmara University  
School of Medicine, İstanbul, Turkey



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

**Kamil KAYNAK**

Department of Thoracic Surgery, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Mehmet Yaşar KAYNAR**

Department of Neurosurgery, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Esra SAĞLAM KAYTAN**

Department of Radiation Oncology, İstanbul University İstanbul School of Medicine, İstanbul, Turkey

**Hayrettin KESMEZACAR**

Department of Orthopedics and Traumatology, İstanbul Bilim University School of Medicine, İstanbul, Turkey

**Özgür KILIÇKESMEZ**

Clinic of Radiology, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey

**Altan KIR**

Clinic of Thoracic Surgery, Department of Thoracic and Cardiovascular Health, Anadolu Health Centre, Kocaeli, Turkey

**Zafer KOÇAK**

Department of Radiation Oncology, Trakya University School of Medicine, Edirne, Turkey

**Uğur KORMAN**

Department of Radiodiagnosics, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Kadir KOTİL**

Academy of Medical Science, İstanbul Arel University School of Health Sciences, İstanbul, Turkey

**Güniz MEYANCI KÖKSAL**

Department of Anesthesiology and Reanimation, İstanbul University-Cerrahpaşa School of Medicine, Turkey

**Öner ÖZDEMİR**

Department of Pediatrics, Division of Pediatric Allergy and Immunology, Sakarya University Faculty of Medicine, Sakarya, Turkey

**Yusuf ÖZTÜRKMEN**

Clinic of Orthopedics, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey

**Zuhal PARILDAR**

Department of Biochemistry, Ege University School of Medicine, İzmir, Turkey

**Mehmet Emin PIŞKINPAŞA**

Clinic of Internal Medicine, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey

**Ziya SALIHOĞLU**

Department of Anesthesiology and Reanimation, Cerrahpaşa School of Medicine, İstanbul University, İstanbul, Turkey

**Kaya SARIBEYOĞLU**

Department of General Surgery, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Atakan SEZER**

Department of General Surgery, Trakya University School of Medicine, Edirne, Turkey

**Yunus SÖYLET**

Department of Pediatric Surgery, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Ali İhsan TAŞCI**

Clinic of Urology, Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

**Mahmut Gökhan TOKTAŞ**

Clinic of Urology, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey

**Emine Nur TOZAN**

Department of Algology, İstanbul University İstanbul School of Medicine, İstanbul, Turkey

**Volkan TUĞCU**

Clinic of Urology, Bahçelievler Memorial Hospital, İstanbul, Turkey

**Yalçın TÜZÜN**

Department of Dermatology, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Ayşe YALIMAN**

Department of Physical Medicine and Rehabilitation, İstanbul University İstanbul School of Medicine, İstanbul, Turkey

**Nurhayat YILDIRIM**

Department of Chest Diseases, İstanbul University-Cerrahpaşa School of Medicine, İstanbul, Turkey

**Orhan YILMAZ**

Clinic of Otolaryngology, Health Sciences University Dışkapı Yıldırım Beyazıt Training and Research Hospital, Ankara, Türkiye

**Özgür YİĞİT**

Clinic of Otorhinolaryngology, Health Sciences University İstanbul Training and Research Hospital, İstanbul, Turkey



# istanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## AIMS AND SCOPE

Istanbul Medical Journal is the scientific, peer reviewed, open access publication of İstanbul Training and Research Hospital. The journal is printed six times in a year; on January, March, May, July, September, November and its publication language is Turkish and English.

The aim of the journal is to publish high level clinical and experimental studies conducted in all fields of medicine. Reviews comprising the latest research findings, reports on rare and educative cases and letters to the editor are also published.

The target population of the journal includes specialists in all fields of medicine, academicians and relevant health care professionals.

The İstanbul Medical Journal is indexed in Web of Science-Emerging Sources Citation Index, TUBITAK ULAKBIM TR Index, DOAJ, Hinari, ROOT INDEXING, Türk Atif Dizini, Türk Medline and J-GATE.

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.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.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 İstanbul Training and Research Hospital. Potential advertisers should contact the Editorial Office. The journal does not publish advertisement.

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

All published content is available online, free of charge at [www.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.org). Printed copies of the journal are distributed to the members of İstanbul Training and Research Hospital as well as the members of the editorial board and the journal's reviewers, free of charge.

Istanbul Training and Research Hospital holds the international copyright of all the content published in the journal.

### Open Access Policy

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

Open Access Policy is based on the rules of the Budapest Open Access Initiative (BOAI) <http://www.budapestopenaccessinitiative.org/>. By "open access" to peer-reviewed research literature, we mean its free availability on the public internet, permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself. The only constraint on reproduction and distribution, and the only role for copyright in this domain, should be to give authors control over the integrity of their work and the right to be properly acknowledged and cited.

This work is licensed under a Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License.

**Editor: Feray AKBAŞ**

Address: Clinic of Internal Diseases, Health Sciences University, İstanbul Training and Research Hospital, İstanbul, Turkey

E-mail: [atlibatur@yahoo.com](mailto:atlibatur@yahoo.com)

**Publisher : GALENOS PUBLISHING HOUSE**

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 Fındıkzade 34093 İstanbul, Turkey

Phone: +90 (212) 621 99 25 Fax: +90 (212) 621 99 27 E-mail: [info@galenos.com.tr](mailto:info@galenos.com.tr)/[yayin@galenos.com.tr](mailto:yayin@galenos.com.tr) Web: [www.galenos.com.tr](http://www.galenos.com.tr)





# istanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## INSTRUCTIONS TO AUTHORS

The editorial and publication processes of the journal are shaped in accordance with the guidelines of the International Council of Medical Journal Editors (ICMJE), the World Association of Medical Editors (WAME), the Council of Science Editors (CSE), the Committee on Publication Ethics (COPE), the European Association of Science Editors (EASE), and National Information Standards Organization (NISO). The journal conforms to the Principles of Transparency and Best Practice in Scholarly Publishing ([doaj.org/bestpractice](http://doaj.org/bestpractice)).

Originality, high scientific quality, and citation potential are the most important criteria for a manuscript to be accepted for publication. Manuscripts submitted for evaluation should not have been previously presented or already published in an electronic or printed medium. The journal should be informed of manuscripts that have been submitted to another journal for evaluation and rejected for publication. The submission of previous reviewer reports will expedite the evaluation process. Manuscripts that have been presented in a meeting should be submitted with detailed information on the organization, including the name, date, and location of the organization.

Manuscripts submitted to Istanbul Medical Journal will go through a double-blind peer-review process. Each submission will be reviewed by at least two external, independent peer reviewers who are experts in their fields in order to ensure an unbiased evaluation process. The editorial board will invite an external and independent editor to manage the evaluation processes of manuscripts submitted by editors or by the editorial board members of the journal. The Editor in Chief is the final authority in the decision-making process for all submissions.

An approval of research protocols by the Ethics Committee in accordance with international agreements (World Medical Association Declaration of Helsinki "Ethical Principles for Medical Research Involving Human Subjects," amended in October 2013, [www.wma.net](http://www.wma.net)) is required for experimental, clinical, and drug studies and for some case reports. If required, ethics committee reports or an equivalent official document will be requested from the authors. For manuscripts concerning experimental research on humans, a statement should be included that shows that written informed consent of patients and volunteers was obtained following a detailed explanation of the procedures that they may undergo. For studies carried out on animals, the measures taken to prevent pain and suffering of the animals should be stated clearly. In experimental animal studies, the authors should indicate that the procedures followed were in accordance with animal rights as per the Guide for the Care and Use of Laboratory Animals <http://oacu.od.nih.gov/regs/guide/guide.pdf> and they should obtain animal ethics committee approval. Information on patient consent, the name of the ethics committee, and the ethics committee approval number should also be stated in the Materials and Methods section of the manuscript. It is the authors' responsibility to carefully protect the patients' anonymity. For photographs that may reveal the identity of the patients, signed releases of the patient or of their legal representative should be enclosed.

All submissions are screened by a similarity detection software (iThenticate by CrossCheck).

In the event of alleged or suspected research misconduct, e.g., plagiarism, citation manipulation, and data falsification/fabrication, the Editorial Board will follow and act in accordance with COPE guidelines.

Each individual listed as an author should fulfill the authorship criteria recommended by the International Committee of Medical Journal Editors (ICMJE - [www.icmje.org](http://www.icmje.org)). The ICMJE recommends that authorship be based on the following 4 criteria:

1. Substantial contributions to the conception or design of the work; or the acquisition, analysis, or interpretation of data for the work; AND
2. Drafting the work or revising it critically for important intellectual content; AND
3. Final approval of the version to be published; AND
4. Agreement to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.

In addition to being accountable for the parts of the work he/she has done, an author should be able to identify which co-authors are responsible for specific other parts of the work. In addition, authors should have confidence in the integrity of the contributions of their co-authors.

All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be acknowledged in the title page of the manuscript.

Istanbul Medical Journal requires corresponding authors to submit a signed and scanned version of the authorship contribution form (available for download through [www.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.org)) during the initial submission process in order to act appropriately on authorship rights and to prevent ghost or honorary authorship. If the editorial board suspects a case of "gift authorship," the submission will be rejected without further review. As part of the submission of the manuscript, the corresponding author should also send a short statement declaring that he/she accepts to undertake all the responsibility for authorship during the submission and review stages of the manuscript.

Istanbul Medical Journal requires and encourages the authors and the individuals involved in the evaluation process of submitted manuscripts to disclose any existing or potential conflicts of interests, including financial, consultant, and institutional, that might lead to potential bias or a conflict of interest. Any financial grants or other support received for a submitted study from individuals or institutions should be disclosed to the Editorial Board. To disclose a potential conflict of interest, the ICMJE Potential Conflict of Interest Disclosure Form should be filled in and submitted by all contributing authors. Cases of a potential conflict of interest of the editors, authors, or reviewers are resolved by the journal's Editorial Board within the scope of COPE and ICMJE guidelines.



# istanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## INSTRUCTIONS TO AUTHORS

The Editorial Board of the journal handles all appeal and complaint cases within the scope of COPE guidelines. In such cases, authors should get in direct contact with the editorial office regarding their appeals and complaints. When needed, an ombudsperson may be assigned to resolve cases that cannot be resolved internally. The Editor in Chief is the final authority in the decision-making process for all appeals and complaints.

When submitting a manuscript to Istanbul Medical Journal, authors accept to assign the copyright of their manuscript to Istanbul Training and Research Hospital. If rejected for publication, the copyright of the manuscript will be assigned back to the authors. Istanbul Medical Journal requires each submission to be accompanied by a Copyright Transfer Form (available for download at [www.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.org)). 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).

Statements or opinions expressed in the manuscripts published in Istanbul Medical Journal reflect the views of the author(s) and not the opinions of the editors, the editorial board, or the publisher; the editors, the editorial board, and the publisher disclaim any responsibility or liability for such materials. The final responsibility in regard to the published content rests with the authors.

### MANUSCRIPT PREPARATION

The manuscripts should be prepared in accordance with ICMJE-Recommendations for the Conduct, Reporting, Editing, and Publication of Scholarly Work in Medical Journals (updated in December 2016 - <http://www.icmje.org/icmje-recommendations.pdf>). Authors are required to prepare manuscripts in accordance with the CONSORT guidelines for randomized research studies, STROBE guidelines for observational original research studies, STARD guidelines for studies on diagnostic accuracy, PRISMA guidelines for systematic reviews and meta-analysis, ARRIVE guidelines for experimental animal studies, and TREND guidelines for non-randomized public behavior.

Manuscripts can only be submitted through the journal's online manuscript submission and evaluation system, available at [www.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.org). Manuscripts submitted via any other medium will not be evaluated.

Manuscripts submitted to the journal will first go through a technical evaluation process where the editorial office staff will ensure that the manuscript has been prepared and submitted in accordance with the journal's guidelines. Submissions that do not conform to the journal's guidelines will be returned to the submitting author with technical correction requests.

Authors are required to submit the following:

- Copyright Transfer Form,
- Author Contributions Form, and
- ICMJE Potential Conflict of Interest Disclosure Form (should be filled in by all contributing authors)

during the initial submission. These forms are available for download at [www.istanbulmedicaljournal.org](http://www.istanbulmedicaljournal.org).

### Preparation of the Manuscript

**Title page:** A separate title page should be submitted with all submissions and this page should include:

- The full title of the manuscript as well as a short title (running head) of no more than 50 characters,
- Name(s), affiliations, and highest academic degree(s) of the author(s),
- Grant information and detailed information on the other sources of support,
- Name, address, telephone (including the mobile phone number) and fax numbers, and email address of the corresponding author,
- Acknowledgment of the individuals who contributed to the preparation of the manuscript but who do not fulfill the authorship criteria.

**Abstract:** A Turkish and an English abstract should be submitted with all submissions except for Letters to the Editor. Submitting a Turkish abstract is not compulsory for international authors. The abstract of Original Articles should be structured with subheadings (Objective, Methods, Results, and Conclusion). Please check Table 1 below for word count specifications.

**Keywords:** Each submission must be accompanied by a minimum of three to a maximum of six keywords for subject indexing at the end of the abstract. The keywords should be listed in full without abbreviations. The keywords should be selected from the National Library of Medicine, Medical Subject Headings database (<https://www.nlm.nih.gov/mesh/MBrowser.html>).

### Manuscript Types

**Original Articles:** This is the most important type of article since it provides new information based on original research. The main text of original articles should be structured with Introduction, Methods, Results, Discussion, and Conclusion subheadings. Please check Table 1 for the limitations for Original Articles.

Statistical analysis to support conclusions is usually necessary. Statistical analyses must be conducted in accordance with international statistical reporting standards (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical guidelines for contributors to medical journals. *Br Med J* 1983; 7; 1489-93). Information on statistical analyses should be provided with a separate subheading under the Materials and Methods section and the statistical software that was used during the process must be specified.

Units should be prepared in accordance with the International System of Units (SI).

**Editorial Comments:** Editorial comments aim to provide a brief critical commentary by reviewers with expertise or with high reputation in the topic of the research article published in the journal. Authors are selected and invited by the journal to provide such comments. Abstract, Keywords, and Tables, Figures, Images, and other media are not included.



# istanbul MEDICAL JOURNAL

İ S T A N B U L T I P D E R G İ S İ

## INSTRUCTIONS TO AUTHORS

**Review Articles:** Reviews prepared by authors who have extensive knowledge on a particular field and whose scientific background has been translated into a high volume of publications with a high citation potential are welcomed. These authors may even be invited by the journal. Reviews should describe, discuss, and evaluate the current level of knowledge of a topic in clinical practice and should guide future studies. The main text should contain Introduction, Clinical and Research Consequences, and Conclusion sections. Please check Table 1 for the limitations for Review Articles.

**Case Reports:** There is limited space for case reports in the journal and reports on rare cases or conditions that constitute challenges in diagnosis and treatment, those offering new therapies or revealing knowledge not included in the literature, and interesting and educative case reports are accepted for publication. The text should include Introduction, Case Report, Discussion, and Conclusion subheadings. Please check Table 1 for the limitations for Case Reports.

**Letters to the Editor:** This type of manuscript discusses important parts, overlooked aspects, or lacking parts of a previously published article. Articles on subjects within the scope of the journal that might attract the readers' attention, particularly educative cases, may also be submitted in the form of a "Letter to the Editor." Readers can also present their comments on the published manuscripts in the form of a "Letter to the Editor." Abstract, Keywords, and Tables, Figures, Images, and other media should not be included. The text should be unstructured. The manuscript that is being commented on must be properly cited within this manuscript.

Type of manuscript	Word limit	Abstract word limit	Reference limit	Table limit	Figure limit
Original Article	3500	250 (Structured)	30	6	7 or total of 15 images
Review Article	5000	250	50	6	10 or total of 20 images
Case Report	1000	200	15	No tables	10 or total of 20 images
Letter to the Editor	500	No abstract	5	No tables	No media

### Tables

Tables should be included in the main document, presented after the reference list, and they should be numbered consecutively in the order they are referred to within the main text. A descriptive title must be placed above the tables. Abbreviations used in the tables should be defined below the tables by footnotes (even if they are defined within the main text). Tables should be created using the "insert table" command of the word processing software and they should be arranged clearly to provide easy reading. Data presented in the tables should not be a repetition of the data presented within the main text but should be supporting the main text.

### Figures and Figure Legends

Figures, graphics, and photographs should be submitted as separate files (in TIFF or JPEG format) through the submission system. The files should not be embedded in a Word document or the main document. When there are figure subunits, the subunits should not be merged to form a single image. Each subunit should be submitted separately through the submission system. Images should not be labeled (a, b, c, etc.) to indicate figure subunits. Thick and thin arrows, arrowheads, stars, asterisks, and similar marks can be used on the images to support figure legends. Like the rest of the submission, the figures too should be blind. Any information within the images that may indicate an individual or institution should be blinded. The minimum resolution of each submitted figure should be 300 DPI. To prevent delays in the evaluation process, all submitted figures should be clear in resolution and large in size (minimum dimensions: 100 × 100 mm). Figure legends should be listed at the end of the main document.

All acronyms and abbreviations used in the manuscript should be defined at first use, both in the abstract and in the main text. The abbreviation should be provided in parentheses following the definition.

When a drug, product, hardware, or software program is mentioned within the main text, product information, including the name of the product, the producer of the product, and city and the country of the company (including the state if in USA), should be provided in parentheses in the following format: "Discovery St PET/CT scanner (General Electric, Milwaukee, WI, USA)"

All references, tables, and figures should be referred to within the main text, and they should be numbered consecutively in the order they are referred to within the main text.

Limitations, drawbacks, and the shortcomings of original articles should be mentioned in the Discussion section before the conclusion paragraph.

### References

While citing publications, preference should be given to the latest, most up-to-date publications. If an ahead-of-print publication is cited, the DOI number should be provided. Authors are responsible for the accuracy of references. Journal titles should be abbreviated in accordance with the journal abbreviations in Index Medicus/ MEDLINE/PubMed. When there are six or fewer authors, all authors should be listed. If there are seven or more authors, the first six authors should be listed followed by "et al." In the main text of the manuscript, references should be cited using Arabic numbers in parentheses. The reference styles for different types of publications are presented in the following examples.

Journal Article: Rankovic A, Rancic N, Jovanovic M, Ivanović M, Gajović O, Lazić Z, et al. Impact of imaging diagnostics on the budget – Are we spending too much? *Vojnosanit Pregl* 2013; 70: 709-11.

Book Section: Suh KN, Keystone JS. Malaria and babesiosis. Gorbach SL, Barlett JG, Blacklow NR, editors. *Infectious Diseases*. Philadelphia: Lippincott Williams; 2004.p.2290-308.





# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## INSTRUCTIONS TO AUTHORS

Books with a Single Author: Sweetman SC. Martindale the Complete Drug Reference. 34th ed. London: Pharmaceutical Press; 2005.

Editor(s) as Author: Huizing EH, de Groot JAM, editors. Functional reconstructive nasal surgery. Stuttgart-New York: Thieme; 2003.

Conference Proceedings: Bengissson S. Sothemin BG. Enforcement of data protection, privacy and security in medical informatics. In: Lun KC, Degoulet P, Piemme TE, Rienhoff O, editors. MEDINFO 92. Proceedings of the 7th World Congress on Medical Informatics; 1992 Sept 6-10; Geneva, Switzerland. Amsterdam: North-Holland; 1992. pp.1561-5.

Scientific or Technical Report: Cusick M, Chew EY, Hoogwerf B, Agrón E, Wu L, Lindley A, et al. Early Treatment Diabetic Retinopathy Study Research Group. Risk factors for renal replacement therapy in the Early Treatment Diabetic Retinopathy Study (ETDRS), Early Treatment Diabetic Retinopathy Study Kidney Int: 2004. Report No: 26.

Thesis: Yılmaz B. Ankara Üniversitesindeki Öğrencilerin Beslenme Durumları, Fiziksel Aktiviteleri ve Beden Kitle İndeksleri Kan Lipidleri Arasındaki İlişkiler. H.Ü. Sağlık Bilimleri Enstitüsü, Doktora Tezi. 2007.

Manuscripts Accepted for Publication, Not Published Yet: Slots J. The microflora of black stain on human primary teeth. Scand J Dent Res. 1974.

Epub Ahead of Print Articles: Cai L, Yeh BM, Westphalen AC, Roberts JP, Wang ZJ. Adult living donor liver imaging. Diagn Interv Radiol. 2016 Feb 24. doi: 10.5152/dir.2016.15323. [Epub ahead of print].

Manuscripts Published in Electronic Format: Morse SS. Factors in the emergence of infectious diseases. Emerg Infect Dis (serial online) 1995 Jan-Mar (cited 1996 June 5): 1(1): (24 screens). Available from: URL: [http:// www.cdc.gov/ncidod/EID/cid.htm](http://www.cdc.gov/ncidod/EID/cid.htm).

## REVISIONS

When submitting a revised version of a paper, the author must submit a detailed "Response to the reviewers" that states point by point how each issue raised by the reviewers has been covered and where it can be found (each reviewer's comment, followed by the author's reply and line numbers where the changes have been made) as well as an annotated copy of the main document. Revised manuscripts must be submitted within 30 days from the date of the decision letter. If the revised version of the manuscript is not submitted within the allocated time, the revision option may be canceled. If the submitting author(s) believe that additional time is required, they should request this extension before the initial 30-day period is over.

Accepted manuscripts are copy-edited for grammar, punctuation, and format. Once the publication process of a manuscript is completed, it is published online on the journal's webpage as an ahead-of-print publication before it is included in its scheduled issue. A PDF proof of the accepted manuscript is sent to the corresponding author and their publication approval is requested within 2 days of their receipt of the proof.

**Editor : Feray AKBAŞ**

Address: Clinic of Internal Diseases, Health Sciences University, İstanbul Training and Research Hospital, Samatya, Fatih, İstanbul, Türkiye

E-mail: [atlibatur@yahoo.com](mailto:atlibatur@yahoo.com)

**Publisher : GALENOS PUBLISHING HOUSE**

Address: Molla Gürani Mah. Kaçamak Sk. No: 21/1 Fındıkzade 34093 İstanbul, Turkey

Phone: +90 (212) 621 99 25

Fax: +90 (212) 621 99 27

E-mail: [info@galenos.com.tr](mailto:info@galenos.com.tr)/[yayin@galenos.com.tr](mailto:yayin@galenos.com.tr)

Web: [www.galenos.com.tr](http://www.galenos.com.tr)



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## CONTENTS

### Review

- 1 Health Care Transitions for Children with Sickle Cell Disease: Interventions, Perspectives of Health Care Providers and Caregivers  
Mainul Haque, Umar Idris Ibrahim, Adamu Yau; Kuala Lumpur, Malaysia, Bayero University, Kano, Nigeria

### Original Articles

- 7 Evaluation of the Effect of *NQO1 C609T (rs1800566)* Gene Variations in Philadelphia-negative Myeloproliferative Neoplasms in Turkish Population  
Ayşegül Başak Akadam Teker, Aynur Dağlar Aday, Hasan Dermenci, İpek Yönel Hindilerden, Hülya Yılmaz Aydoğan, Oğuz Öztürk, Akif Selim Yavuz; Giresun, İstanbul, Turkey
- 13 The Evaluation of Thrombospondin 1 Levels in Patients with Acromegaly  
Mustafa Demirpençe, Hamiyet Yılmaz, Ayfer Çolak, Merve Zeytinli, Demet İnce, Barış Önder Pamuk; İzmir, Turkey
- 18 Evaluation of the Functional and Radiological Outcomes of Serial Casting as an Initial Treatment of Congenital Scoliosis  
Sinan Erdoğan, Ethem Ayhan Ünkar, Deniz Kargın, Altar Çolak, Akif Albayrak; İstanbul, Turkey
- 23 The Predictive Role of Neurobiochemical Markers in Multiple Sclerosis  
Esra Fırat Oğuz, Semra Mungan, Fatma Meriç Yılmaz, Müjgan Ercan, Sema Uysal; Ankara, Yozgat, Çanakkale, Turkey
- 28 Management and Clinical Outcomes of Iatrogenic Injury Secondary to Endoscopic Retrograde Cholangiopancreatography  
Ramazan Sarı, Hakan Yabanoğlu, Murat Kuş, İlker Murat Arer; Adana, Turkey
- 33 Endoscopic Approach to Esophageal Leiomyomas: Single Center Results  
Ekrem Çakar, Ufuk Oğuz İdiz, Şükrü Çolak, Ayhan Güneyi, Enver Yarıkkaya, Hasan Bektaş; İstanbul, Turkey
- 37 Hemoglobin A1c Measurement Using Point of Care Testing  
Gülçin Şahingöz Erdal, Nilgün Işıksaçan, Murat Koşer, Nursel Kocamaz; İstanbul, Turkey
- 42 The Value of F-18-fluorodeoxyglucose Positron Emission Tomography/Computed Tomography for the Detection of Residual Breast Tumor or Axillary Metastasis after Neoadjuvant Chemotherapy in Invasive Ductal Carcinoma of the Breast  
Kezban Berberoğlu; Kocaeli, Turkey
- 47 The Effects of Metformin, Ethinyl Estradiol/Cyproterone Acetate, and Metformin Ethinyl Estradiol/Cyproterone Acetate Combination Therapy on Carotid Artery Intima-media Thickness in Patients with Polycystic Ovary Syndrome  
Derya Ünal, Hüseyin Demirci, Murat Yılmaz, Üçler Kısa, Murat Tulmaç, Sefa Güliter; Kırıkkale, Turkey



# İstanbul MEDICAL JOURNAL

İ S T A N B U L T İ P D E R G İ S İ

## CONTENTS

- 53** Are ABO Blood Groups and Rh Factor Risk Factors for Hypertensive Diseases of Pregnancy?  
Osman Uzundere, Cem Kıvılcım Kaçar, Cengiz Andan, Abdulkadir Yektaş; Diyarbakır, Turkey
- 58** Systemic Inflammatory Response in Unilateral Sinonasal Polyps  
Tolga Kirgezen, Ahmet Volkan Sünter, Okan Övünç, Özgür Yiğit; İstanbul, Turkey
- 64** Effect of Concha Bullosa on Skull Base  
Ahmet Baki, Muhammet Yıldız, Ahmet Adnan Cırık, Zakir Sakçı; İstanbul, Antalya, Turkey
- 71** Awareness of Pregnant Women About Routine Applied Screening Tests and Supportive Treatments in a University Hospital  
Ruhşen Kutlu, Latife Uzun, Nazan Karaoğlu, Hüseyin Görkemli; Konya, Turkey

## Case Reports

- 78** Acute Pancreatitis Associated with Rotavirus Infection and Review of The Literature  
Kamil Şahin, Güzide Doğan; İstanbul, Turkey