



Turkish Thoracic Journal

Official Journal of the Turkish Thoracic Society

ISSUE 6 November 2021 VOLUME

22

Original Articles

Cystic Fibrosis Severity Markers and CFTR Genotypes in Children

Başaran et al.

Tobacco Control Laws and Smoking in Turkish Movies

Erik et al.

Burnout in Physicians in Turkey

Tarhan et al.

A Smoking Cessation Initiative Among Employees

Ergin et al.

The Clues for Estimating APAP Titration Results

Duyar et al.

Therapeutic Effects of a Pigtail Catheter and Chest Tube in the Treatment of Spontaneous Pneumothorax

Rasihashemi et al.

Household Air Pollution in a Suburban Community

Aigbokhaode and Isara

Excess Deaths in Pandemi

Aytemur et al.

Acute Respiratory Failure due to Drowning

Çakmakçı et al.

Ambient Air Pollution in Turkey

Aykaç and Yasin

Tuberculosis and Air Pollution in Refugees

Kurtuluş and Can

Review

High-Flow Nasal Oxygen, Technology and Methodology

Guia et al.

COVID-19, Severe Asthma and Omalizumab Therapy

Sönmez et al.

Case Report

Rare Complications in COVID-19 Pneumonia

Anjum et al.



Turkish Thoracic Journal

Official Journal of the Turkish Thoracic Society

ISSUE 6 November 2021 VOLUME

22

Letter to the Editor

COVID-19 Pandemic and Hospitalization Rates

Baris et al.

COVID-19 and Tuberculosis

Özkan

Erratum



Turkish Thoracic Journal

Official Journal of the Turkish Thoracic Society

ISSUE 6 November 2021 VOLUME

22

EDITORS in CHIEF

Oğuz KILINÇ 

Department of Chest Diseases, Dokuz Eylül University School of Medicine, İzmir, Turkey

İpek Kıvılcım OĞUZÜLGEN 

Department of Pulmonary Diseases, Gazi University School of Medicine, Ankara, Turkey

EDITORS

Aylin ÖZGEN ALPAYDIN 

Department of Chest Diseases, Dokuz Eylül University School of Medicine, İzmir, Turkey

Ege GÜLEÇ BALBAY 

Department of Chest Disease, Düzce University School of Medicine, Düzce, Turkey

İpek ÇAYLI CANDEMİR

Ataturk Chest Diseases and Surgery Education and Research Hospital, Ankara, Turkey

Ufuk ÇAĞIRICI 

Department of Chest Surgery, Ege University School of Medicine, İzmir, Turkey

Necati ÇITAK 

Department of Thoracic Surgery, İstanbul Bakırköy Dr. Sadi Konuk Training and Research Hospital, İstanbul, Turkey

Aslı GÖREK DİLEKTAŞLI 

Department of Chest Diseases, Uludağ University School of Medicine, Bursa, Turkey

Zuhal KARAKURT 

Respiratory Intensive Care Unit, Süreyyapaşa Chest Diseases and Surgery Training and Research Hospital, İstanbul, Turkey

Leyla PUR ÖZYİĞİT 

Department of Allergy and Immunology, University Hospitals of Leicester, Leicester, United Kingdom

Özge YILMAZ 

Department of Pediatrics, Celal Bayar University School of Medicine, Manisa, Turkey

BIostatistical CONSULTANT

Ahmet Uğur DEMİR

Department of Chest Diseases, Hacettepe University School of Medicine, Ankara, Turkey

Seval KUL 

Department of Biostatistics and Medical Informatics, Gaziantep University School of Medicine, Gaziantep, Turkey

PUBLICATION COORDINATOR

Begüm ERGAN

Department of Chest Diseases, Dokuz Eylül University School of Medicine, İzmir, Turkey



Publisher
İbrahim KARA

Publication Director
Ali ŞAHİN

Editorial Development
Gizem KAYAN TEKAÜT

Deputy Publication Director
Gökhan ÇİMEN

Publication Coordinators

İrem SOYSAL
Arzu YILDIRIM
Deniz KAYA
Bahar ALBAYRAK
Gamze BİLGİN
Irmak BERBEROĞLU
Elif Bahar BAKIRCI
Ebru BOZ

Finance and
Administration
Zeynep YAKIŞIRER ÜREN

Project Coordinators

Doğan ORUÇ
Sinem Fehime KOZ
Emre KARA

Graphics Department
Ünal ÖZER

Contact

Address: Büyükdere Cad.
No: 105/9 34394
Mecidiyeköy, Şişli-İstanbul
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avesyayincilik.com



Turkish Thoracic Journal

Official journal of the Turkish Thoracic Society

INTERNATIONAL EDITORIAL BOARD

Ian M. Adcock

Cell and Molecular Biology Airways Disease Section,
National Heart and Lung Institute, Imperial College
London, United Kingdom

Piergiuseppe Agostoni

Department of Clinical Sciences and Community
Health, Cardiovascular Section, Università di Milano,
Milano, Italy

M. Selim Arcasoy

Pulmonary, Allergy, and Critical Care Division,
Department of Medicine, Columbia University New
York, USA

Philippe Astoul

Thoracic Oncology - Pleural Diseases -
Interventional Pulmonology, Hôpital Nord - Chemin
des Bourrely, Marseille, France

Ülkü Bayındır

Retired Faculty Member, Ege University School of
Medicine, İzmir, Turkey

Dominique MA Bullens

Department of Immunology and Microbiology, KU
Leuven Laboratory of Pediatric Immunology Division
of Pediatrics, Leuven, Belgium

Richard Casaburi

Rehabilitation Clinical Trials Center, Los Angeles
Biomedical Research Institute at Harbor-UCLA
Medical Center, Torrance, California, USA

Turgay Çelikel

Department of Chest Diseases, Marmara University
School of Medicine, İstanbul, Turkey

Tansu Ulukavak Çiftçi

Department of Chest Diseases, Gazi University
School of Medicine, Ankara, Turkey

Lütfi Çöplü

Department of Chest Diseases, Hacettepe University
School of Medicine, Ankara, Turkey

Çağlar Çuhadaroğlu

Acıbadem Maslak Hospital, İstanbul, Turkey

Andrew J. Ghio

US Environmental Protection Agency Chapel Hill,
North Carolina, USA

James E. Hansen

St. John's Cardiovascular Research Center, Los Angeles
Biomedical Research Institute at Harbor- University of
California at Los Angeles, Torrance, CA, USA

İlhan İnci

University Hospital Zurich, Department of Thoracic
Surgery, Zurich, Switzerland

Oya İtil

Department of Chest Diseases, Dokuz Eylül
University School of Medicine, İzmir, Turkey

A. Fuat Kalyoncu

Department of Chest Diseases, Hacettepe University
School of Medicine, Ankara, Turkey

Fazilet Karakoç

Department of Child Chest Diseases, Marmara
University Pendik Training and Research Hospital,
İstanbul, Turkey

Ali Kocabaş

Department of Chest Diseases, Çukurova University
School of Medicine, Adana, Turkey

Emel Kurt

Department of Chest Diseases, Osmangazi
University School of Medicine, Eskişehir, Turkey

Atul Malhotra

Pulmonary and Critical Care, University of California
San Diego, La Jolla, California, USA

Muzaffer Metintaş

Department of Chest Diseases, Osmangazi
University School of Medicine, Eskişehir, Turkey

Zeynep Mısırlıgil

Department of Chest Diseases, Ankara University
School of Medicine, Ankara, Turkey

Nesrin Moğulkoç

Department of Chests Diseases, Ege University
School of Medicine, İzmir, Turkey



Turkish Thoracic Journal

Official journal of the Turkish Thoracic Society

Dilşad Mungan

Department of Chest Diseases, Ankara University
School of Medicine, Ankara, Turkey

Gökhan M. Mutlu

Division of Pediatric Critical Care Medicine,
Northwestern University, Chicago, USA

Gül Öngen

Department of Chest Surgery, İstanbul University
Cerrahpaşa School of Medicine, İstanbul, Turkey

Kent E. Pinkerton

University of California, Davis, Center for Health and
the Environment, Davis, USA

Kannan Ramar

Division of Pulmonary and Critical Care Medicine,
Center for Sleep Medicine, Mayo Clinic, Rochester,
MN, USA

Joseph Roca

Instituto de Biología Molecular de Barcelona, CSIC,
Baldiri Reixac, Barcelona, Spain

Israel Rubinstein

Section of Pulmonary, Critical Care, Sleep and
Allergy Medicine, Department of Medicine, College
of Medicine, University of Illinois at Chicago,
Chicago, Illinois, USA

Abdullah Sayiner

Department of Chest Diseases, Ege University
School of Medicine, İzmir, Turkey

Z. Toros Selçuk

Department of Chest Diseases, Hacettepe University
School of Medicine, Ankara, Turkey

Nadja Triller

Department of Pulmonary Medicine, University
Pulmonary Clinic Golnik, Golnik, Slovenia

Haluk Türkteş

Department of Chest Diseases, Gazi University
School of Medicine, Ankara, Turkey

E. Sabri Uçan

Department of Chest Diseases, Dokuz Eylül
University School of Medicine, İzmir, Turkey

Karlman Wasserman

Respiratory and Critical Care Physiology and Medicine,
Los Angeles Biomedical Research Institute Harbor-
UCLA Medical Center, Torrance, California, USA

Mark Woodhead

Honorary Clinical Professor of Respiratory Medicine,
Department of Respiratory Medicine, Manchester
Royal Infirmary, Manchester, England



AIMS AND SCOPE

Turkish Thoracic Journal (Turk Thorac J) is the double-blind, peer-reviewed, open access, international publication organ of Turkish Thoracic Society. The journal is a bimonthly publication, published on January, March, May, July, September, and November and its publication language is English.

Turkish Thoracic Journal started its publication life following the merger of two journals which were published under the titles "Turkish Respiratory Journal" and "Toraks Journal" until 2007. Archives of both journals were passed on to the Turkish Thoracic Journal.

The aim of the journal is to convey scientific developments and to create a dynamic discussion platform about pulmonary diseases. With this intent, the journal accepts articles from all related scientific areas that address adult and pediatric pulmonary diseases, as well as thoracic imaging, environmental and occupational disorders, intensive care, sleep disorders and thoracic surgery. Clinical and research articles, reviews, statements of agreement or disagreement on controversial issues, national and international consensus reports, abstracts and comments of important international articles, interesting case reports, writings related to clinical and practical applications, letters to the editor, and editorials are accepted.

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

Turkish Thoracic Journal is indexed in PubMed Central, Web of Science - Emerging Sources Citation Index, Scopus, EMBASE, EBSCO, CINAHL, Gale/Cengage Learning, ProQuest, and TUBITAK ULAKBIM TR Index.

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.turkthoracj.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 Turkish Thoracic Society. Potential advertisers should contact the Editorial Office. Advertisement images are published only upon the Editor-in-Chief's approval.

Statements or opinions expressed in the manuscripts published in the journal reflect the views of the author(s) and not the opinions of the Turkish Thoracic Society, 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.turkthoracj.org. Turkish Thoracic Society holds the international copyright of all the content published in the journal.

Editors in Chief:

Oğuz KILINÇ

İpek Kıvılcım OĞUZÜLGEN

Address: Turan Güneş Bulvarı, Koyunlu Sitesi No: 175/19 Oran, Ankara, TURKEY

Phone: +90 (312) 490 40 50

Fax: +90 (312) 490 41 42

E-mail: editorial.office@turkthoracj.org

Publisher: AVES

Address: Büyükdere Cad., 105/9 34394 Mecidiyeköy, Şişli, İstanbul, TURKEY

Phone: +90 212 217 17 00

Fax: +90 212 217 22 92

E-mail: info@avesyayincilik.com

Web page: avesyayincilik.com



INSTRUCTIONS TO AUTHORS

Turkish Thoracic Journal (Turk Thorac J) is the double-blind, peer-reviewed, open access, international publication organ of Turkish Thoracic Society. The journal is a bimonthly publication, published on January, March, May, July, September, and November and its publication language is English.

The aim of the journal is to convey scientific developments and to create a dynamic discussion platform about pulmonary diseases. With this intent, the journal accepts articles from all related scientific areas that address adult and pediatric pulmonary diseases, as well as thoracic imaging, environmental and occupational disorders, intensive care, sleep disorders and thoracic surgery. Clinical and research articles, reviews, statements of agreement or disagreement on controversial issues, national and international consensus reports, abstracts and comments of important international articles, interesting case reports, writings related to clinical and practical applications, letters to the editor, and editorials are accepted.

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).

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 Turkish Thoracic 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 pro-

cesses 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) 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. 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, releases signed by the patient or their legal representative should be enclosed.

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

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 fulfil the authorship criteria recommended by the International Committee of Medical Journal Editors

(ICMJE - 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.

Turkish Thoracic Journal requires corresponding authors to submit a signed and scanned version of the Copyright Transfer and Acknowledgement of Authorship Form (available for download through www.turkthoracj.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.

Turkish Thoracic 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.

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 Turkish Thoracic Journal, authors accept to assign the copyright of their manuscript to Turkish Thoracic Society. If rejected for publication, the copyright of the manuscript will be assigned back to the authors. Turkish Thoracic Journal requires each submission to be accompanied by a Copyright Transfer and Acknowledgement of Authorship Form (available for download at www.turkthoracj.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 Turkish Thoracic 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 2019 - <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 behaviour.

Manuscripts can only be submitted through the journal's online manuscript submission and evaluation system, available at www.turkthoracj.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 submit-

ted 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 and Acknowledgement of Authorship Form
- 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.turkthoracj.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, highest academic degree(s), e-mail addresses and ORCID ID(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: 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, Material and 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>).

Main Points: All submissions except letters to the editor should be accompanied by 3 to 5 "main points" which should emphasize the most noteworthy results of the study and underline the principle message that is addressed to the reader. This section should be structured as itemized to give a general overview of the article. Since "Main Points" targeting the experts and specialists of the field, each item should be written as plain and straightforward as possible.

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, Material and Methods, Results, and Discussion 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.

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 Con-

Table 1. Limitations for each manuscript type

Type of manuscript	Word limit	Abstract word limit	Reference limit	Table limit	Figure limit
Original Article	3500	250 (Structured)	35	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
Research Letter	600	No abstract	6	2	2

clusion 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 Presentation, and Discussion 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.

Research Letter: A Research Letter is a concise report of original research. Research Letters should be a maximum of 600 words with no more than 6 references and 6 authors, and no supplementary material or subsections. They may include up to 2 tables or figures. Please note that Research Letters do not require an Abstract and keywords and do not have to be structured in separate sections.

Study protocol: To promote transparency of research and disseminate the ongoing studies, Turkish Thoracic Journal starts to accept study protocols for evaluation. This type of articles should have a following format: Abstract, Introduction, Methods (including design, selection/treatment of subjects, interventional methods, data analysis), Discussion, Ethics. Study protocols must have ethical approval and registration is mandatory for clinical trials. Articles that report completed studies will not be considered, only the proposed or ongoing research (dates must be added) will be evaluated by the journal.

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" com-

mand 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 labelled (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. Authors should avoid using references that are older than ten years. The limit for the old reference usage is 15% in the journal. 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 three or fewer authors, all authors should be listed. If there are four or more authors, the first three 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, 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.

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, Osthemin 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 cancelled. 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.

Editors in Chief:

Oğuz KILINÇ
İpek Kıvılcım OĞUZÜLGEN
Address: Turan Güneş Bulvarı, Koyunlu Sitesi
No: 175/19 Oran, Ankara, TURKEY
Phone: +90 (312) 490 40 50
Fax: +90 (312) 490 41 42
E-mail: editorial.office@turkthoracj.org

Publisher: AVES

Address: Büyükdere Cad. 105/9 34394
Mecidiyeköy, Şişli, İstanbul, Turkey
Phone: +90 212 217 17 00
Fax: +90 212 217 22 92
E-mail: info@avesyayincilik.com
www.avesyayincilik.com



CONTENTS

Original Articles

- 426** Association Between Cystic Fibrosis Severity Markers and CFTR Genotypes in Turkish Children
Abdurrahman Erdem Başaran, Ayşen Başaran, Dilara Fatma Kocacik Uygun, Elanur Yılmaz, Asef Moballeghe, Latife Öz, Özgül Alper, Ayşen Bingöl
-
- 432** Tobacco Containing Scenes in Some Selected Turkish Movies Released Between 1992 and 2016
Hanife Ece Erik, Merve Colaklar, Egemen Yıldız, Aişe Esra Gülçek, Bilgin Percin, Çağlar Aktas, Çağrı Özbeyaz, Fati Gözde Sebnem Tokmak, Mervenur Demir Çuha, Mustafa Doğru, Polat Ercan, Aslı Kuzu, Deniz Aral Özbek, Eda Dölek, Fadime Eda Koç, Büşra Solak, Mahmut Yardım, Hilal Özcebe
-
- 439** Facing the Pandemic: Burnout in Physicians in Turkey
Şengül Tarhan, Gökçen Ömeroğlu Şimşek, Neşe Direk Tecirli, Eyüp Sabri Uçan, Merve Atik, Bahriye Oya İtil, Oğuz Kılınc
-
- 446** The Effectiveness of a Smoking Cessation Initiative Among Employees in a Textile Factory
Ahmet Ergin, Semiha Balci, Caner Özdemir, Hüseyin Öztürk, Betül Özdemir, Huriye Uyar, Oğuz Kiliç
-
- 450** The Evaluation of APAP Titration Results: Good Titration Versus TECSA and Unacceptable Titration
Sezgi Şahin Duyar, Deniz Çelik, Selma Fırat
-
- 459** Comparison of the Therapeutic Effects of a Pigtail Catheter and Chest Tube in the Treatment of Spontaneous Pneumothorax: A Randomized Clinical Trial Study
Seyed Ziaeddin Rasihashemi, Ali Ramouz, Hassan Amini
-
- 466** Household Air Pollution and Respiratory Symptoms of Women and Children in a Suburban Community in Nigeria
Adesuwa Queen Aigbokhaode, Alphonsus Rukevwe Isara
-
- 473** Excess Deaths in Malatya in the COVID-19 Pandemic
Zeynep Ayfer Aytumur, Murat Yalçınsoy, Ahmet Kadir Arslan, Süleyman Savaş Hacıevliyagil
-
- 477** Therapeutic Approaches and Mortality in Acute Respiratory Failure due to Drowning
Selin Çakmakçı, Begüm Ergan, Bilgin Cömert, Ali Necati Gökmen
-
- 482** Persistent Ambient Air Pollution in Turkey: A 4-Year Analysis
Nilüfer Aykaç, Yeşim Yasin
-
- 489** The Effect of Environmental Exposures on the Diagnosis of Tuberculosis in Syrian Refugees
Şerif Kurtuluş, Remziye Can
-
- Review**
- 494** High-Flow Nasal Oxygen Therapy in Acute Hypoxemic Respiratory Failure: Concise Review on Technology and Initial Methodology
Miguel Guia, Nilgun Alpay, António Gerardo, Yasmin Madney, Mohamed Abdelrahim, Haitham Saeed, Hadeer Harb, Gil Gonçalves, Bruno Cabrita, Jaber Alqahtani, Mohamad El-Khatib, Manuel Gómez-Ríos, Atefeh Fakharian, Laura Ciobanu, Habib Karim, Edoardo Piervincenzi, Martin Scharffenberg, Paschalis Steiropoulos, William LeMaster, Igor Barjaktarevic, Jakob Wittenstein, Montserrat Diaz-Abad, Andreas Perren, Antonello Nicolini, Savino Spadaro, Giancarlo Garuti, Angelo Petroianni, Antonio Esquinas

- 501** COVID-19, Severe Asthma and Omalizumab Therapy: A Case-Based Inquiry into Associations, Management, and the Possibility of a Better Outcome
Sadi Can Sönmez, Zeynep Büşra Kısakürek, Ayşe Bilge Oztürk, Süda Tekin
-

Case Report

- 507** Spontaneous Pneumothorax, Pneumomediastinum, and Subcutaneous Emphysema: Rare Complications in COVID-19 Pneumonia
Ibrar Anjum, Noor Fatima Almani, Umer Zia
-

Letter to the Editor

- 510** Reduced Rate of Hospital Admission for Exacerbation of COPD and Asthma During COVID-19 Pandemic
Serap Argun Baris, Hasim Boyacı, Huseyin Kaya, Ilknur Basyigit
-

- 512** COVID-19 and Tuberculosis: Is It a Syndemic Situation?
Serir Özkan
-

- 514** Erratum
-