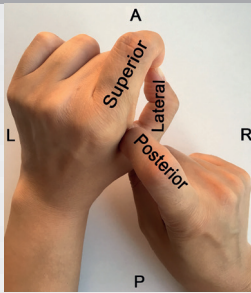


Turkish Archives of Otorhinology



Official Journal of the
Turkish Otorhinology
Head and Neck Surgery Society



◀ *3D Reconstruction of Semicircular Canals with the Hands*
Page 176

Original Investigations

- ▶ Antimicrobial Activity of Garlic Derivatives
Uzun et al.; İstanbul, Ankara, Turkey
- ▶ Linear Stapler versus Suture Closure of Pharynx
Öztürk et al.; İzmir, Turkey
- ▶ Use of Massive Open Online Courses in Otolaryngology
Eyigör and Gürpınar.; Antalya, Turkey
- ▶ 3D Reconstruction of Semicircular Canals with the Hands
Yılmaz and Topcuoğlu.; İstanbul, Turkey
- ▶ Otomycosis and Paper Patch
Görür et al.; Mersin, Turkey
- ▶ Childhood Nasal Foreign Bodies
Hira et al.; Ankara, Kayseri, Turkey
- ▶ Medical Treatment of Posterior Canal BPPV
İnan and Kıraç.; Erzincan, Turkey
- ▶ Endoscopic Tympanoplasty in Children
Özdemir et al.; Samsun, Turkey



Turkish Archives of Otorhinolaryngology

▶ Editor

Taner Kemal ERDAĞ

Department of Otorhinolaryngology, Dokuz Eylül University School of Medicine, İzmir, Turkey

▶ Associate Editors

Cem BİLGİN

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

Turgut KARLIDAĞ

Department of Otorhinolaryngology, Fırat University School of Medicine, Elazığ, Turkey

Özgür KEMAL

Department of Otorhinolaryngology, Ondokuz Mayıs University School of Medicine, Samsun, Turkey

▶ Biostatistical Consultant

Hülya ELLİDOKUZ

Department of Biostatistics and Medical Informatics, Dokuz Eylül University School of Medicine, İzmir, Turkey

▶ Past Editors

Hikmet ALTUĞ (Founder, 1962-1998)

İrfan DEVRANOĞLU (1998-2012)

Ayşenur MERİÇ (2012-2015)

Owner and Responsible Manager on behalf of the Turkish Otorhinolaryngology Head and Neck Surgery Society / Türk Kulak Burun Boğaz ve Baş Boyun Cerrahisi Derneği adına Sahibi ve Sorumlu Yazı İşleri Müdürü: Özgür YİĞİT • Publication Type: Yerel süreli / Local periodical • Basım yeri / Printed at: Matsis Matbaa Hizmetleri San. ve Tic.Ltd.Şti, Tevfikbey Mah., Dr. Ali Demir Cad. No: 51, 34290 Sefaköy, Turkey (+90-212-624 21 11) • Basım tarihi / Printing Date: Aralık 2019 / December 2019 • Türk Kulak Burun Boğaz ve Baş Boyun Cerrahisi Derneği tarafından yayımlanmaktadır. Published by Turkish Otorhinolaryngology Head and Neck Surgery Society, Çobançeşme Sanayi Cad. No: 11 Nish İstanbul A Blok D: 8 Yenibosna, İstanbul, Turkey (+90 212 233 11 26)



Publisher
İbrahim KARA

Publication Director
Ali ŞAHİN

Editorial Development
Gizem KAYAN

Finance and Administration
Zeynep YAKIŞIRER ÜREN

Deputy Publication Director
Gökhan ÇİMEN

Publication Coordinators

Betül ÇİMEN
Özlem ÇAKMAK
Okan AYDOĞAN
İrem SOYSAL
Arzu YILDIRIM

Project Coordinators

Doğan ORUÇ
Sinem KOZ

Graphics Department

Ünal ÖZER
Deniz DURAN
Beyzanur KARABULUT

Contact

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



Turkish Archives of Otorhinolaryngology

► International Editorial Board

Mustafa Kemal ADALI

Department of Otorhinolaryngology, School of Medicine, Trakya University, Edirne, Turkey

Cüneyt M. ALPER

Children's Hospital Department of Otorhinolaryngology, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

Asım ASLAN

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

Barlas AYDOĞAN

Galleria Clinic of Otorhinolaryngology, Adana, Turkey

Yıldırım Ahmet BAYAZIT

Department of Otorhinolaryngology, School of Medicine, İstanbul Medipol University, İstanbul, Turkey

Derald BRACKMANN

Molecular, Cellular and Developmental Biology Graduate Program, The Ohio State University, Columbus, OH, USA

Patrick J. BRADLEY

Department of Oto-Rhino-Laryngology, Head and Neck Surgery, Nottingham University Hospitals, Queen's Medical Centre Campus, Nottingham, England

Hans E. ECKEL

Department of Otorhinolaryngology, Klinikum Klagenfurt, Klagenfurt am Wörthersee, Austria

Berrylin J. FERGUSON

University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, USA

Dan M. FLISS

Department of Otorhinolaryngology-Head and Neck and Maxillofacial Surgery, Tel-Aviv Sourasky Medical Center, Sackler School of Medicine, Tel-Aviv University, Tel-Aviv, Israel

William Hersh FRIEDMAN

Park Central Institute, St. Louis, Missouri, USA

Gerhard FRIEDRICH

ENT University Clinic, Speech and Swallowing, Medical University Graz, Graz, Austria

Mustafa GEREK

Department of Otolaryngology-Head and Neck Surgery, University of Health Sciences, Gülhane Medical School, Ankara, Turkey

Kemal GÖRÜR

Department of Otorhinolaryngology, School of Medicine, Mersin University, Mersin, Turkey

Enis Alpin GÜNERİ

Department of Otorhinolaryngology, School of Medicine, Dokuz Eylül University, İzmir, Turkey

James A. HADLEY

Department of Otorhinolaryngology-Head and Neck Surgery, University of Rochester Medical Center, Rochester, New York, USA

Ali Şefik HOŞAL

Department of Otorhinolaryngology, School of Medicine, Hacettepe University, Ankara, Turkey

Jhon R. HOUCK

Department of Otorhinolaryngology-Head and Neck Surgery, University of Washington, Seattle, Washington, USA

Ahmet Ömer İKİZ

Department of Otorhinolaryngology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Ş. Armağan İNCESULU

Department of Otorhinolaryngology, Eskişehir Osmangazi University, Eskişehir, Turkey

İrfan KAYGUSUZ

Department of Otorhinolaryngology, School of Medicine, Fırat University, Elazığ, Turkey

Erol KELEŞ

Department of Otorhinolaryngology, School of Medicine, Fırat University, Elazığ, Turkey

Yusuf Kemal KEMALOĞLU

Department of Otorhinolaryngology, School of Medicine, Gazi University, Ankara, Turkey

M. Mete KIROĞLU

Department of Otorhinolaryngology, Çukurova University School of Medicine, Adana, Turkey

Tayfun KİRAZLI

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

Yosef KRESPI

New York Head and Neck Institute and Lenox Hill Hospital, New York, NY, USA

Keat-Jin LEE

Yale University, School of Medicine, New Haven, Connecticut, USA

Cem MEÇO

Department of Otorhinolaryngology, Ankara University School of Medicine, Ankara Turkey



Turkish Archives of Otorhinolaryngology

Albert MERATİ

Department of Otolaryngology-Head and Neck Surgery, University of Washington, Washington, USA

Murat Cem MİMAN

Clinic of Otorhinolaryngology, Medical Park İzmir Hospital, İzmir, Turkey

Eugene N. MYERS

Department of Otorhinolaryngology, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

Erwin OFFECIERS

University Department of Otorhinolaryngology and Head and Neck Surgery, Skull Base Team, Sint Augustinus Hospital, Wilrijk, Antwerp, Belgium

Metin ÖNERCİ

Department of Otorhinolaryngology, Hacettepe University School of Medicine, Ankara, Turkey

Ferhan ÖZ

Department of Otorhinolaryngology, Bakırköy Acıbadem Hospital, İstanbul, Turkey

Levent Naci ÖZLÜOĞLU

Department of Otorhinolaryngology, School of Medicine, Başkent University, Ankara, Turkey

Orhan ÖZTURAN

Department of Otorhinolaryngology, School of Medicine, Bezmialem Vakıf University, İstanbul, Turkey

Spyros PAPASPYROU

Department of Otorhinolaryngology-Head and Neck Surgery, Evangelismos General Hospital, Athens, Greece

Desiderio PASSALI

Department of Otorhinolaryngology, University of Siena, Siena, Italy

Clark A. ROSEN

Department of Otorhinolaryngology-Head and Neck Surgery, University of Texas Medical School, Children's Memorial Hermann Hospital, Houston, USA

Levent SENNAROĞLU

Department of Otolaryngology, Hacettepe University School of Medicine, Ankara, Turkey

Christian SITTEL

Department of Otorhinolaryngology and Head and Neck Surgery, Klinikum Stuttgart Katharinenhospital, Stuttgart, Germany

Muaaz TARABICHI

Cochlear Implant Center, American Hospital, Dubai, UAE

Cem UZUN

Department of Otorhinolaryngology, School of Medicine, Trakya University, Edirne, Turkey

Peak WOO

Department of Otorhinolaryngology, Head and Neck Surgery, Mount Sinai School of Medicine, New York, USA

Sertaç YETİŞER

Department of Otorhinolaryngology, Special Anatolian Health Center, Kocaeli, Turkey

Orhan YILMAZ

Clinic of Otorhinolaryngology, University of Health Sciences Dışkapı Yıldırım Beyazıt Training and Research Hospital, Ankara, Turkey

Taner YILMAZ

Department of Otorhinolaryngology, School of Medicine, Hacettepe University, Ankara, Turkey

Özgür YİĞİT

Department of Otorhinolaryngology, Ministry of Health İstanbul Education and Research Hospital, İstanbul, Turkey



Turkish Archives of Otorhinolaryngology

Aims and Scope

The Turkish Archives of Otorhinolaryngology (Turk Arch Otorhinolaryngol) is the scientific, peer reviewed, open access journal of the Turkish Otorhinolaryngology Head and Neck Surgery Society. The journal is released at three-month intervals, in March, June, September and December, and one volume of the journal comprises four issues. The journal's publication language is English.

The aim of the journal is to publish qualified original clinical, experimental and basic researches on ear, nose, throat, head and neck diseases and surgery, reviews that contain sufficient amount of source data conveying the experiences of experts in a particular field, case reports and original images of rare clinical pictures which would shed light on the clinical practice and which were not previously published, letters from the readers and experts concerning the published studies, articles about general practice and subject of the journal with historical content, memories of scientific significance, educative and catechetical manuscripts about medical deontology and publication ethics.

Target audience of the journal includes academic members, specialists, residents and other relevant health care professionals in the field of ear, nose, throat, and head and neck disorders and surgery.

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 Archives of Otorhinolaryngology is indexed in PubMed Central, Web of Science-Emerging Sources Citation Index, TUBITAK ULAKBIM TR Index, DOAJ, EBSCO, CINAHL and ProQuest.

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.turkarchotolaryngol.net. 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 Otorhinolaryngology Head and Neck Surgery 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 Otorhinolaryngology Head and Neck Surgery 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.turkarchotolaryngol.net. Printed copies of the journal are distributed to the members of the Turkish Otorhinolaryngology Head and Neck Surgery Society, free of charge.

The Turkish Archives of Otorhinolaryngology is an open access publication and the Journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Journal's archive is available online, free of charge at www.turkarchotolaryngol.net. The Turkish Archives of Otorhinolaryngology's content is licensed under a Creative Commons Attribution 4.0 International License.

The journal is printed on an acid-free paper.



Editor in Chief: Taner Kemal Erdağ

Address: Çobançeşme Sanayi Cad. No: 11 Nish İstanbul A Blok D: 8 Yenibosna, İstanbul, Turkey

Phone: +90 (212) 233 11 26

Fax: +90 (212) 233 11 27

E-mail: kbb@kbb.org.tr

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



Turkish Archives of Otorhinolaryngology

Instructions to Authors

CONTEXT

The Turkish Archives of Otorhinolaryngology (Turk Arch Otorhinolaryngol) is an international, scientific, open access periodical published by independent, unbiased, and double-blinded peer-review principles. The journal is the official publication of the Turkish Otorhinolaryngology Head and Neck Surgery Society, and published quarterly in March, June, September and December. The publication language of the journal is English.

The aim of the journal is to publish qualified original clinical, experimental and basic researches on ear, nose, throat, head and neck diseases and surgery, reviews that contain sufficient amount of source data conveying the experiences of experts in a particular field, case reports and original images of rare clinical pictures which would shed light on the clinical practice and which were not previously published, letters from the readers and experts concerning the published studies, articles about general practice and subject of the journal with historical content, memories of scientific significance, educative and catechetical manuscripts about medical deontology and publication ethics.

EDITORIAL AND PUBLICATION PROCESS

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.

PEER REVIEW PROCESS

Manuscripts submitted to The Turkish Archives of Otorhinolaryngology 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 edito-

rial 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.

ETHICAL PROCEDURES

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 protect the patients' anonymity carefully.

For photographs that may reveal the identity of the patients, signed releases of the patient or their legal representative should be enclosed, and the publication approval must be provided in the Materials and Methods section.

PLAGIARISM

The Turkish Archives of Otorhinolaryngology is extremely sensitive about plagiarism. All submissions are screened by a similarity detection software (iThenticate by CrossCheck) at any point during the peer-review and/or production process. Even if you are the author of the phrases or sentences, the text should not have unacceptable similarity with the previously published data.

When you are discussing others' (or your own) previous work, please make sure that you cite the material correctly in every instance.

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 following COPE guidelines.

AUTHORSHIP

Each person listed as an author should fulfill the authorship criteria recommended by the International Committee of



Turkish Archives of Otorhinolaryngology

Medical Journal Editors (ICMJE - www.icmje.org). The ICMJE recommends that authorship is based on the following four 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. Also, 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.

The Turkish Archives of Otorhinolaryngology requires corresponding authors to submit a signed and scanned version of the authorship contribution form (available for download through www.turkarchotolaryngol.net) during the initial submission process 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.

DECLARATION OF INTEREST

The Turkish Archives of Otorhinolaryngology 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. The journal’s Editorial Board resolves

cases of a potential conflict of interest of the editors, authors, or reviewers 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 claims that cannot be resolved internally. The Editor in Chief is the final authority in the decision-making process for all appeals and complaints.

COPYRIGHT AND LICENSE

The Turkish Archives of Otorhinolaryngology requires each submission to be accompanied by a Copyright License Agreement (available for download www.turkarchotolaryngol.net). 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). By signing the Copyright License Agreement, authors retain the copyright of their work and agree that the article, if accepted for publication by the The Turkish Archives of Otorhinolaryngology will be licensed under a Creative Commons Attribution 4.0 International License (CC BY).

DISCLAIMER

Statements or opinions expressed in the manuscripts published in the Turkish Archives of Otorhinolaryngology 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 regarding 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 2018 - <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.turkarchotolaryngol.net. Manuscripts submitted via any other medium and submissions by anyone other than one of the authors 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 Agreement and Acknowledgement of Authorship 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.turkarchotolaryngol.net.

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), and ORCID IDs of the author(s),
- Grant information and detailed information on the other sources of support,
- Name, address, telephone (including the mobile phone number), 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 abstract should be submitted with all submissions except for Letters to the Editor. 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.

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)	30	6	5 or total of 10 images
Review Article	5000	250	50	6	10 or total of 15 images
Case Report	1000	200	10	No tables	4 or total of 8 images
Letter to the Editor	500	No abstract	5	No tables	No media
Clinical Images	500	No abstract	5	No tables	3 or total of 7 images



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 Presentation, 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.

Clinical Images: This type of submissions should present a striking image that may challenge and inform readers and contribute to their education. Submissions can include high quality clinical images, radiology results or surgical images. Please check Table 1 for the limitations for Clinical Images.

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

Both in-text citations and the references must be prepared according to the Vancouver style.

While citing publications, preference should be given to the latest, most up-to-date publications. Authors are responsible for the accuracy of references. If an ahead-of-print publication is cited, the DOI number should be provided. 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.



Turkish Archives of Otorhinolaryngology

Journal Article: Erkul E, Cekin İE, Kurt O, Gungor A, Baybayıt MA. Evaluation of patients with unilateral endoscopic sinus surgery. *Turk Arch Otorhinolaryngol* 2012; 50: 41-5.

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, 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 indeksleri kan lipidleri arasındaki ilişkiler. 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.

WITHDRAWAL POLICY

Out of respect to the reviewers, journal staff and the Editorial Board, authors are asked to submit a withdrawal request only if the reasons are compelling and unavoidable.

Withdrawal requests should be submitted in written form, signed by all contributing authors of the manuscript. Reasons for withdrawal should be stated clearly. Each request will be subject to the Editorial Board's review and manuscripts will only be assumed withdrawn upon Editorial Board's approval.

Cases of plagiarism, authorship disputes or fraudulent use of data will be handled in accordance with COPE guidelines.

Editor in Chief: Taner Kemal Erdağ

Address: Çobançeşme Sanayi Cad. No: 11 Nish İstanbul A

Blok D: 8 Yenibosna, İstanbul, Turkey

Phone: +90 (212) 233 11 26

Fax: +90 (212) 233 11 27

E-mail: kbb@kbb.org.tr

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



Contents

Original Investigations

- 161 ▶ Antimicrobial Activity of Garlic Derivatives on Common Causative Microorganisms of the External Ear Canal and Chronic Middle Ear Infections
Lokman Uzun, Tuba Dal, M. Tayyar Kalcıoğlu, Merve Yürek, Ziya Cibali Açıkgöz, Rıza Durmaz; İstanbul, Ankara, Turkey
- 166 ▶ The Comparative Analysis of Suture versus Linear Stapler Pharyngeal Closure in Total Laryngectomy: A Prospective Randomized Study
Kerem Öztürk, Göksel Turhal, Arın Öztürk, İsa Kaya, Serdar Akyıldız, Ümit Uluöz; İzmir, Turkey
- 171 ▶ A Study on the Use of Massive Open Online Courses in Otorhinolaryngology After Graduation
Hülya Eyigör, Erol Gürpınar; Antalya, Turkey
- 176 ▶ Three-Dimensional Reconstruction of the Semicircular Canals with a Two-Hands Model
Rasim Yilmazer, Osman Melih Topcuoğlu; İstanbul, Turkey
- 182 ▶ Treatment of Otomycosis in Ears with Tympanic Membrane Perforation is Easier with Paper Patch
Kemal Görür, Onur İsmi, Cengiz Özcan, Yusuf Vayısoğlu; Mersin, Turkey
- 187 ▶ Childhood Nasal Foreign Bodies: Analysis of 1724 Cases
İbrahim Hira, Mehmet Tofar, Ali Bayram, Mehmet Yaşar, Cemil Mutlu, İbrahim Özcan; Ankara, Kayseri, Turkey
- 191 ▶ An Evaluation of the Effects of Betahistine and Dimenhydrinate on Posterior Canal Benign Paroxysmal Positional Vertigo
Hakkı Caner İnan, Merve Kıraç; Erzincan, Turkey
- 197 ▶ Transcanal Endoscopic Type 1 Cartilage Tympanoplasty in Children
Doğukan Özdemir, Abdulkadir Özgür, Gökhan Akgül, Mehmet Çelebi, Dursun Mehmet Mehel, Samet Aydemir, Tuğba Yemiş; Samsun, Turkey

Case Reports

- 201 ▶ A Case with Brown-Vialetto-Van Laere Syndrome: A Sudden Onset Auditory Neuropathy Spectrum Disorder
Başak Mutlu, Merve Torun Topçu, Ayça Çiprut; İstanbul, Turkey
- 206 ▶ Fibroepithelial Polyp Originating from the Nasal Septum
Marko Stoilkov, Aleksandar Perić; Bar, Montenegro; Belgrade, Serbia

- 209 ▶ REVIEWER LIST



Turkish Archives of Otorhinology

Editorial

Dear Colleagues,

We are happy to announce that as a result of our continuing efforts to improve the publication quality of the Turkish Archives of Otorhinology (TAO), Directory of Open Access Journals (DOAJ) accepted the journal for coverage as of 2019. As you may know, we were already indexed in Web of Science, PubMed Central and TUBITAK ULAKBIM TR Index (which is important for a Turkish publication). Our next target is Science Citation Index Expanded!

There has been a significant increase in the number of manuscript submissions we receive following the acceptance of our journal to these international indexes.

Introducing our journal to the international audience during the European Otorhinology-Head & Neck Surgery Congress held in Brussels and the American Academy of Otorhinology-Head and Neck Surgery Congress in New Orleans also helped improving the visibility of TAO. We were also able to track this through the number of visitors our content attract within PubMed.

A short summary about the submitted manuscripts and their fate in TAO reveals that a total of 215 new papers were received in 2019. We have published 28 clinical trials, 11 case reports, two reviews, one letter to the editor and one original image. One of the pleasing points is that 30% of the papers we have received in 2019 were international from many different countries such as India, Greece, Korea, Spain, Republic of Iran, Malaysia, Japan, Bosnia and Herzegovina, Italy, Azerbaijan, Morocco, Nepal, Thailand, Pakistan, Portugal, Serbia, the USA and the United Kingdom.

In parallel with the rise in the number of submitted manuscripts, the burden also increased for our reviewers. We are grateful to them for their complimentary efforts. We also would like to thank the authors who chose TAO to submit their valuable papers to. The final appreciation is to our readers and Turkish Otorhinology Head and Neck Surgery Society for their precious support.

We hope that the new year will bring peace, health, happiness and success.

On behalf of the Editorial Board
Turgut Karlıdağ, MD