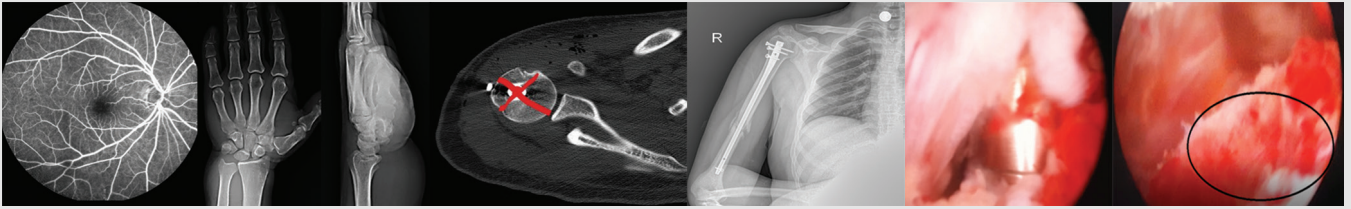


# European Archives of Medical Research

Formerly Okmeydanı Medical Journal

**Volume: 36 • Number: 2 • June 2020**



## Highlights

- **Glioblastoma**  
Mehmet Hakan Seyithanoğlu, Tolga Turan Dündar, Serkan Kitis, Anas Abdallah, Erdiç Özek, Meliha Gündoğ Papaker
- **Vocal Function Following Frontolateral Laryngectomy**  
Ziya Saltürk, Onur Üstün, Tolgar Lütfi Kumral, Güler Berkiten, Belgin Tutar, Hüseyin Sarı, Hasan Sami Bircan, Yavuz Uyar
- **NGAL and Contrast-induced AKI**  
Eren Imre, Meriç Oruç, Selma Alagöz, Sinan Trabulus, İbrahim Murat Bolayırılı, Nurhan Seyahi
- **Arthroscopy-assisted Intramedullary Nailing of Humeral Fractures**  
Ali Yüce, Yunus İmren, Süleyman Semih Dedeoğlu, Müjdat Adaş, Cem Diñay Büyükkurt, Tahsin Olgun Bayraktar, Hakan Gürbüz
- **Results of Internal Fixation in Calcaneal Fractures**  
Metin Seyran, Murat Çakar
- **Giant Cell Arteritis**  
Sunny Chi Lik Au, Simon Tak Chuen Ko

**Owner on behalf and Responsible Manager of University of Health Sciences Turkey,  
Prof. Dr. Cemil Taşçıoğlu City Hospital**

**Hakan Gürbüz**

*Clinic of Orthopedics and Traumatology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**Editor in Chief**

**Tamer Özülker**

*Clinic of Nuclear Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-9521-683X](https://orcid.org/0000-0001-9521-683X)

**Associate Editors**

**Müjdat Adaş**

*Clinic of Orthopedics and Traumatology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-3637-8876](https://orcid.org/0000-0003-3637-8876)

**Namigar Turgut**

*Clinic of Anesthesia and Reanimation, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-0252-3377](https://orcid.org/0000-0003-0252-3377)

**Yavuz Uyar**

*Clinic of Otorhinolaryngology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-0252-3377](https://orcid.org/0000-0003-0252-3377)

**Biostatistical Consultants**

**Ali Baykuş**

*Empiar Statistical Consultancy*

**Deniz Özel Erkan**

*Akdeniz University School of Medicine, Antalya, Turkey*

**Emire Bor**

*Empiar Statistical Consultancy*

**Editorial Staff**

**Pelin İlhan**

*basinburosu@okmeydani.gov.tr*

**Editors**

**Ali Cahid Civelek**

*Clinic of Radiology, Division of Nuclear Medicine, Johns Hopkins Medical Institutions, Baltimore, USA*

**ID** ORCID: [orcid.org/0000-0003-4637-6292](https://orcid.org/0000-0003-4637-6292)

**Alper Ötünçtemur**

*Clinic of Urology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-0553-3012](https://orcid.org/0000-0002-0553-3012)

**Arzu Akan**

*Clinic of General Surgery, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-8435-9771](https://orcid.org/0000-0001-8435-9771)

**Asım Kalkan**

*Clinic of Emergency Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-5800-0201](https://orcid.org/0000-0002-5800-0201)

**Burak Erden**

*Clinic of Eye Diseases, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-0650-4552](https://orcid.org/0000-0003-0650-4552)

**Ekmek Üçer**

*University Hospital Regensburg, Clinic of Cardiology, Regensburg, Germany*

**ID** ORCID ID: [0000-0002-3935-1110](https://orcid.org/0000-0002-3935-1110)

**Funda Şimşek**

*Clinic of Infectious Diseases and Departmental Microbiology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-7387-5057](https://orcid.org/0000-0002-7387-5057)

**Gülcan Güntaş**

*Clinic of Biochemistry, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-3638-4662](https://orcid.org/0000-0002-3638-4662)

**Hakan Önder**

*Clinic of Radiology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-5207-3314](https://orcid.org/0000-0001-5207-3314)

**Hasan Dursun**

*Clinic of Pediatrics, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-8817-494X](https://orcid.org/0000-0002-8817-494X)

**İlteriş Oğuz Topal**

*Clinic of Dermatology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-8735-9806](https://orcid.org/0000-0001-8735-9806)

**Mehmet Küçük**

*Clinic of Internal Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-1720-3819](https://orcid.org/0000-0003-1720-3819)

**Metin Çetiner**

*Duisburg-essen University School of Medicine, Division of Pediatric Nephrology and Pediatric Sonography Hufelandstrasse Ss*

**ID** ORCID: [orcid.org/0000-0002-0918-9204](https://orcid.org/0000-0002-0918-9204)

**Mine Adaş**

*Clinic of Internal Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-3008-6581](https://orcid.org/0000-0003-3008-6581)

**Nihan Kayalar**

*Clinic of Cardiovascular Surgery, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-1220-7071](https://orcid.org/0000-0002-1220-7071)

**Özben Yalçın**

*Clinic of Pathology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-0019-1922](https://orcid.org/0000-0002-0019-1922)

**Özge Kandemir Gürsel**

*Clinic of Radiation Oncology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-6960-4115](https://orcid.org/0000-0002-6960-4115)

**Seçil Arıca**

*Clinic of Family Practice, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-0135-6909](https://orcid.org/0000-0003-0135-6909)

**Serdar Günaydın**

*Clinic of Cardiovascular Surgery, University of Health Sciences Turkey, Ankara City Hospital, Ankara, Turkey*

**ID** ORCID: [orcid.org/0000-0002-9717-9793](https://orcid.org/0000-0002-9717-9793)

**Şener Cihan**

*Clinic of Medical Oncology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-3594-3661](https://orcid.org/0000-0002-3594-3661)

**Tamer Altay**

*Clinic of Neurosurgery, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0003-0915-4957](https://orcid.org/0000-0003-0915-4957)

**Tolgar Lütfi Kumral**

*Clinic of Otorhinolaryngology, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-8760-7216](https://orcid.org/0000-0001-8760-7216)

**Veli Mihmanlı**

*Clinic of Gynecology and Obstetrics, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0001-8701-8462](https://orcid.org/0000-0001-8701-8462)

**Yavuz Anacak**

*Clinic of Radiation Oncology, Ege University, İzmir, Turkey*

**ID** ORCID: [orcid.org/0000-0002-2548-1109](https://orcid.org/0000-0002-2548-1109)

**Yücel Arman**

*Clinic of Internal Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey*

**ID** ORCID: [orcid.org/0000-0002-9584-6644](https://orcid.org/0000-0002-9584-6644)

# European Archives of Medical Research

Formerly Okmeydanı Medical Journal

## AIMS AND SCOPE

European Archives of Medical Research (Eur Arch Med Res) is the scientific, peer-reviewed, open access publication of University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital. The journal is a quarterly publication, published on March, June, September, December. The publication language of the journal is English.

European Archives of Medical Research aims to contribute to the international literature by publishing original clinical and experimental research articles, case reports, review articles, and letters to the editor on all fields of medicine.

The target audience of the journal includes researchers, general practitioners and specialists from all fields of medicine.

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](http://doaj.org/bestpractice)).

### Material Disclaimer

Prof. Dr. Cemil Taşçıoğlu City Hospital holds the international copyright of all the content published in the journal.

The author(s) is (are) responsible for the articles published in the JOURNAL.

The editor, editorial board and publisher do not accept any responsibility for the articles.

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

European Archives of Medical Research is currently indexed in TUBITAK ULAKBIM TR Index, ProQuest, Türk Medline, Türkiye Atıf Dizini, DOAJ, J-GATE, ROOT INDEXING, EuroPub and EBSCO Academic Search Complete.

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 [eurarchmedres.org](http://eurarchmedres.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 University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital. 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 University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City 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 [eurarchmedres.org](http://eurarchmedres.org). Printed copies of the journal are distributed to the members of the University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, free of charge.

European Archives of Medical Research 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 [eurarchmedres.org](http://eurarchmedres.org). European Archives of Medical Research's content is licensed under a [Creative Commons Attribution-NonCommercial 4.0 International License](http://creativecommons.org/licenses/by-nc/4.0/).



## INSTRUCTIONS TO AUTHORS

European Archives of Medical Research (Eur Arch Med Res) is the scientific, peerreviewed, open access publication of University of Health Sciences Turkey, Prof. Dr. Cemil Taççioğlu City Hospital. The journal is a quarterly publication, published on March, June, September, December. The publication language of the journal is English.

The aim of the European Archives of Medical Research is to publish original research papers of the highest scientific and clinical value in all medical fields. Eur Arch Med Res also includes reviews, rare case reports, and letters to the editor that are related to recently published articles.

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 European Archives of Medical Research 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. Information on patient consent, the name of the ethics committee, and the ethics committee approval number should also be stated in the 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.

European Archives of Medical Research requires corresponding authors to submit a signed and scanned version of the authorship contribution form (available for download through [eurarchmedres.org](http://eurarchmedres.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.

European Archives of Medical Research requires and encourages the authors and the individuals involved in the evaluation process of submitted manuscripts to disclose any

# European Archives of Medical Research

Formerly Okmeydanı Medical Journal

## INSTRUCTIONS TO AUTHORS

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.

European Archives of Medical Research requires each submission to be accompanied by a Copyright License Agreement (available for download [eurarchmedres.org](http://eurarchmedres.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). By signing the Copyright License Agreement, authors agree that the article, if accepted for publication by the European Archives of Medical Research, will be licensed under a Creative Commons Attribution-Non Commercial 4.0 International License (CC-BY-NC).

Statements or opinions expressed in the manuscripts published in European Archives of Medical Research 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.

Statements or opinions expressed in the manuscripts published in European Archives of Medical Research 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 2017 - <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 [eurarchmedres.org](http://eurarchmedres.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 Licence Agreement, Author Contributions Form, and, ICMJE Potential Conflict of Interest Disclosure Form (should be filled in by all contributing authors) during the initial submission. This form is available for download at [eurarchmedres.org](http://eurarchmedres.org).

### Preparation of the Manuscript

All manuscripts should be submitted in 12 point Times New Roman type with 2 line spacing.

**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 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 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 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



## INSTRUCTIONS TO AUTHORS

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 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.

**Interesting Image:** No manuscript text is required. Interesting Image submissions must include the following:

Title Page (see Original article section)

Abstract: Approximately 100-150 words; without structural divisions; in English and in Turkish. Turkish abstract will be provided by the editorial office for the authors who are not Turkish speakers. If you are not a native Turkish speaker, please re-enter your English abstract to the area provided for the Turkish abstract.

Image(s): The number of images is left to the discretion of the author. (See Original article section)

Figure Legend: Reference citations should appear in the legends, not in the abstract. Since there is no manuscript text, the legends for illustrations should be prepared in considerable detail but should be no more than 500 words total. The case should be presented and discussed in the Figure legend section.

References: Maximum eight references (see Original article section).

**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.

### 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)

Type of manuscript	Word limit	Abstract word limit	Reference limit	Table limit	Figure limit
Original Article	3500	250 (Structured)	40	6	7 or total of 15 images
Review Article	5000	250	80	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 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

# European Archives of Medical Research

Formerly Okmeydanı Medical Journal

## INSTRUCTIONS TO AUTHORS

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:** Stephane A. Management of Congenital Cholesteatoma with Otoendoscopic Surgery: Case Report. *Turkiye Klinikleri J Med Sci* 2010;30:803-7.

**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:** Bengisson 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 in Chief:** Tamer Özülker

**Address:** Department of Nuclear Medicine, University of Health Sciences Turkey, Prof. Dr. Cemil Taşçıoğlu City Hospital, İstanbul, Turkey

**Phone:** +90 212 314 63 24

**E-mail:** tozulker@gmail.com

**Publishing House:** Galenos Yayınevi

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

**Phone:** +90 (212) 621 99 25

**Fax:** +90 (212) 621 99 27

**E-mail:** info@galenos.com.tr/yayin@galenos.com.tr

# European Archives of Medical Research

## CONTENTS

### ORIGINAL ARTICLES

- 92 Retrospective Analysis of Tumor Location with Residue Rates in High-grade Gliial Tumors**  
Mehmet Hakan Seyithanoğlu, Tolga Turan Dündar, Serkan Kitis, Anas Abdallah, Erdiñç Özek, Meliha Gündañ Papaker; İstanbul, Turkey
- 98 Vocal Function Following Frontolateral Laryngectomy**  
Ziya Saltürk, Onur Üstün, Tolgar Lütfi Kumral, Güler Berkiten, Belgin Tutar, Hüseyin Sarı, Hasan Sami Bircan, Yavuz Uyar; İstanbul, Turkey
- 102 The Association Between Contrast-induced Acute Kidney Injury and Neutrophil Gelatinase-associated Lipocalin**  
Eren İmre, Meriç Oruç, Selma Alagöz, Sinan Trabulus, İbrahim Murat Bolayırılı, Nurhan Seyahi; İstanbul, Kilis, Turkey
- 108 Surgical Treatment of Humeral Shaft Fractures by Arthroscopy-assisted Intramedullary Nail Fixation**  
Ali Yüce, Yunus İmren, Süleyman Semih Dedeođlu, Müjdat Adaş, Cem Dinçay Büyükkurt, Tahsin Olgun Bayraktar, Hakan Gürbüz; Kars, İstanbul, Turkey
- 115 Results of Open Reduction and Internal Fixation in Calcaneal Fractures**  
Metin Seyran, Murat Çakar; Gaziantep, İstanbul, Turkey
- 120 Characteristics of Spontaneous Supratentorial Intracerebral Hematomas: A Retrospective Analysis of 108 Consecutive Patients**  
Seçkin Aydın; İstanbul, Turkey
- 125 Elevated Neutrophil-to-Lymphocyte Ratio May Be Associated with Overactive Bladder Patients**  
Mehmet Gökhan Çulha, Recep Burak Değirmen-tepe, Sait Özbir, Samir Agalarov, Muammer Bozkurt, Erkan Merder, Fatih Altunrende, Alper Ötünçtemur; İstanbul, Turkey
- 130 Prevalence and Risk Factors of Urinary Incontinence in Poorly Educated Female Population**  
Bahar Yüksel Özgör, Faruk Özgör, Ufuk Çağlar, Murat Ekmez, Şule Birol İnce, Murat Baykal, Ömer Sarılar; İstanbul, Turkey
- 136 Comparison of Neutrophil to Lymphocyte Ratio in Obstructive Sleep Apnea Syndrome Phenotypes**  
Berk Gürpınar, Cengiz Özdemir, Belgin Tutar; İstanbul, Turkey
- 141 Evaluating the Safety of Sodium Hypochlorite Usage as an Irrigation Solution in Acute Osteomyelitis: an Experimental Study in Rat Tibia via a Renewed Osteomyelitis Model**  
Kürşad Aytekin, Aslıhan Duman, İlkey Çınar, Feyza Yıldız Aytekin, Şahin Direkel, Esra Akdeniz, Selçuk Takır, Cem Zeki Esenyel; Giresun, İstanbul, Turkey
- ### CASE REPORTS
- 150 Sarcomatoid Carcinoma of the Urinary Bladder: A Case Report and Review of the Literature**  
Özgecan Gündoğar, Sibel Bektaş, Arif Özkan; İstanbul, Turkey
- 156 Two Cases; Extra-articular Synovial Chondromatosis of Flexor Compartments of the Wrist**  
İbrahim Karaman, İbrahim Halil Kafadar, Ali Eray Günay; Kayseri, Turkey
- ### INTERESTING IMAGE
- 159 Giant Cell Arteritis**  
Sunny Chi Lik Au, Simon Tak Chuen Ko; Hong Kong, China