ISSN 2149-7893 • EISSN 2536-507X



Official journal of Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

VOLUME 5 • ISSUE 4 • DECEMBER 2020



Original Articles

Incarcerated Abdominal Wall Hernias Arife Şimşek, Hüseyin Kocaaslan, Abuzer Dirican, Mustafa Ateş

Balance with Low Vision Banu Baş, Mustafa Karabulut, Banu Müjdeci

Association of Ki-67 and stage change in Breast Cancer Zehra Edebal, Sami Turan, Hüseyin Kılıç

Channel Blockers and Motility Emine Koç

Peripheral Blocks and Turkish Anesthesiologist Onur Selvi, Serkan Tulgar, Özgur Senturk, Zafer Taş, Halil Cihan Köse, Deniz İlhan Topçu, Zeliha Özer

Anticancer effects of Allium sativum on Breast Cancer Cells

Ovgu Isbilen, Ender Volkan

Neonates Hearing Screening Results Hüseyin Deniz, Alper Yazıcı, Mehmet Enes Coşkun

aBC in Locally Advanced Laryngeal Cancer Rajab Alzahrani, AbdulRahman N Alghamdi, Ashjan Shami, Wael H Elsawy, Amal F Gharib, Hanan S. Amin, Majed AlMourgi

Digital and Extradigital Glomus Tumors Asuman Kilitci, Ömer Faruk Elmas, Kutsi Tuncer Pathologic Plica Deniz Aydın, Barış Polat

The Comparison of Two Nutritional Assessment Tests and Biochemical Tools *Özlem Sezen, Banu Çevik*

Web or science

Breast Cancer Subtypes and Predictive Factors Ayse Ulgen, Özlem Gürkut, Wentian Li

Complete Removal of the IPFP in Total Knee Arthroplasty Serkan Güler, Sercan Capkin, Ramadan Özmanevra

Reviews

Whitening Dentifrices Ceren Değer, Arzu Müjdeci

Nanovesicles in Cancer Therapy Cenk Serhan Özverel

SARS-CoV-2 and O₃ Necat Yılmaz, Esin Eren, Cemile Öz

Letter to the Editor

Comment on "Dog Bites and Their Treatment in Federation of Bosnia and Herzegovina" *Nikolaos Syrmos*



cyprusjmedsci.com



CYPRUS JOURNAL OF MEDICAL SCIENCES

Editor

Sonuç Büyük Department of Pathology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus ORCID ID: 0000-0003-4498-5019

Associate Editors

Düriye Deren Oygar Department of Nephrology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Erol Dülger Department of Ophthalmology, Near East University Hospital, Nicosia, Cyprus

Hasan Mete İnançlı Private Clinic of Otorhinolaryngology, Nicosia, Cyprus ORCID ID: 0000-0002-7965-7835

Ozan Emiroğlu Department of Cardiovascular Surgery, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Ömer Taşargöl Department of Anesthesiology and Reanimation, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus ORCID ID: 0000-0003-1408-5503 Serap Soytaç İnançlı Private Clinic of Endocrinology and Metabolic Diseases and Internal Medicine, Nicosia, Cyprus ORCID ID: 0000-0002-1271-4591

Ahmet Özant Private Clinic of Orthodontics, Nicosia, Cyprus

Ali Özant Department of General Surgery, Near East University School of Medicine, Nicosia, Cyprus

Aysa Ayalı Department of Oral and Maxillary Surgery, Near East University Faculty of Dentistry, Nicosia, Cyprus ORCID ID: 0000-0002-8817-4202

Cenk Conkbayır Department of Cardiology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus ORCID ID: 0000 0002 6594 1915

Eşref Çelik

Department of Medical and Clinical Microbiology, Near East University School of Medicine, Nicosia, Cyprus

Gökçe Savtekin Department of Oral and Maxillary Surgery, Near East University Faculty of Dentistry, Nicosia, Cyprus

Gülten Sucu Dağ

Department of Nursing, Eastern Mediterranean University Faculty of Health Science, Famagusta, Cyprus ORCID ID: 0000-0003-4887-2214

İzgen Karakaya Department of Restorative Dentistry, Near East University, Faculty of Dentistry, Nicosia, Cyprus ORCID ID: 0000-0002-4448-556X

Cemal Gürkan Director of the Turkish Cypriot DNA Laboratory, Famagusta, Cyprus



Publisher İbrahim KARA Publication Director Ali ŞAHİN

Editorial Development Gizem KAYAN TEKAÜT

Deputy Publication Director Gökhan ÇİMEN

Finance and Administration Zeynep YAKIŞIRER ÜREN Betül ÇİMEN Publication Coordinators Irem SOYSAL Arzu YILDIRIM Deniz KAYA Bahar ALBAYRAK Emre KARA

Project Coordinators Sinem Fehime KOZ Doğan ORUÇ Graphics Department Ünal ÖZER Deniz Elif DURAN

Contact

Address: Büyükdere Cad. No: 105/9 34394 Mecidiyeköy, Sişli-İstanbul Phone: +90 212 217 17 00 Fax: +90 212 217 22 92 E-mail: info@avesyayincilik.com Publication Type Local periodical Printed Date December 2020

Printed at Share Ajans, Şehit Fevait Ali Sok, Dük. No: 4 C, Sönmezler Apt, Göçmenköy, Nicosia, Cyprus



CYPRUS JOURNAL OF MEDICAL SCIENCES

Kalbim Arslan

Department of General Surgery, Near East University School of Medicine, Nicosia, Cyprus

Nail Bulakbaşı

Department of Radiology, University of Kyrenia School of Medicine, Dr.Suat Gunsel Hospital, Kyrenia, Cyprus ORCID ID: 0000-0001-7528-8107

Necdet Özçay

Department of General Surgery, Near East University School of Medicine, Nicosia, Cyprus

Özay Önöral

Department of Protetic Medical Therapy, Near East University Faculty of Dentistry, Nicosia, Cyprus ORCID ID: 0000-0002-5264-9376

National Advisory Board

Amber Eker Department of Neurology, Near East University School of Medicine, Nicosia, Cyprus

Ayşe Gökyiğit Department of Pharmaceutical Services of the Ministry of Health, Nicosia, Cyprus

Ayşe Ülgen Department of Biostatistics and Genetics, Eastern Mediterranean University School of Medicine, Famagusta, Cyprus

Beste Kamiloğlu Department of Orthodontics, Near East University School of Dentistry, Nicosia, Cyprus

Bülent Haydar Private Clinic of Maxillofascial Surgery, Nicosia, Cyprus Pınar Tunçbilek Özmanevra Department of Otorhinolaryngology - Head and Neck Surgery, University of Kyrenia School of Medicine, Dr.Suat Gunsel Hospital, Kyrenia, Cyprus

ORCID ID: 0000-000I-6968-3442

Ramadan Ozmanevra

Department of Orthopaedics and Traumatology, University of Kyrenia School of Medicine, Dr.Suat Gunsel Hospital, Kyrenia, Cyprus ORCID ID: 0000-0003-0515-4001

Remzi Gardiyanoğlu Department of Childrens and

Health Disease, Near East University School of Medicine, Nicosia, Cyprus

Umut Mousa

Department of Endocrinology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus ORCID ID: 0000-0002-8078-9376

Zeynep Taşarqöl

Department of Gynocology and Obstetrics, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Ender Volkan Cyprus International University School of Pharmacy, Nicosia, Cyprus

Erdem Beyoğlu Barış Mental and Neurological Disorders State Hospital, Nicosia, Cyprus

Fatma Deniz Department of Dermatology, Girne Akçiçek State Hospital, Girne, Cyprus

Filiz Besim Private Clinic of Maxillofascial Surgery, Nicosia, Cyprus

Gamze Mocan Kuzey Department of Pathology and Cytology, Near East University School of Medicine, Nicosia, Cyprus Gülsen Bozkurt Private Clinic of Hematology, Nicosia, Cyprus

Gülten Sucu Department of Nursing, Eastern Mediterranean University School of Health Sciences, Famagusta, Cyprus

Hanife Erçal Ezgi Department of Dermatology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Hasan Besim Department of General Surgery, Near East University School of Medicine, Nicosia, Cyprus

İdris Deniz Department of Forensic Medicine, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus



CYPRUS JOURNAL OF MEDICAL SCIENCES

İsmet Başar Department of Urology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Kenan Arifoğlu Department of Plastic and Reconstructive Surgery, Dr. Burhan Nalbantoglu State Hospital, Nicosia, Cyprus

Kerem Teralı Department of Medical Biochemistry, Near East University School of Medicine, Nicosia, Cyprus

Mehmet İnan Department of General Surgery, Private Magusa Medicine Center, Famagusta, Cyprus

Meltem Nalça Department of Radiation Oncology, Near East University School of Medicine, Nicosia, Cyprus

Mümtaz Güran Department of Medical Microbiology, Eastern Mediterranean University School Medicine, Famagusta, Cyprus Murat Uncu Department of Biochemistry, Near East University School of Medicine, Nicosia, Cyprus

Mustafa Kalfaoğlu Department of General Surgery, Magusa State Hospital, Famagusta, Cyprus

Nahide Gökçora Department of Nucleer Medicine, East Mediterranian University School of Medicine, Famagusta, Cyprus

Nerin N. Bahçeciler Department of Pediatrics, Near East University School of Medicine, Nicosia, Cyprus

Sevda Lafcı Department of Anatomy, Near East University School of Medicine, Nicosia, Cyprus

Sezgin Handan Department of Nursing, Eastern Mediterranean University School of Health Sciences, Famagusta, Cyprus

Sibel Tozaki Department of Dermatology, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus Songül Acar Vaizoğlu Department of Public Health, Near East University School of Medicine, Nicosia, Cyprus

Süha Akpınar Department of Radiology, Near East University School of Medicine, Nicosia, Cyprus

Tarık İzbul Department of General Surgery, Dr. Burhan Nalbantoğlu State Hospital, Nicosia, Cyprus

Tevfik Eker Department of General Surgery, Private Magusa Medicine Center, Famagusta, Cyprus

Tijen Ataçağ Department of Obstetrics and Gynecology, Near East University School of Medicine, Nicosia, Cyprus

Turgay Akalın Private Clinic of Neurology, Nicosia, Cyprus

Ülvan Özad Department of Biomedical Engineering and Nanotechnology, Near East University School of Medicine, Nicosia, Cyprus

International Advisory Board

Abdülkadir Tepeler Department of Urology, Bezmialem Vakif University School of Medicine, İstanbul, Turkey

A.C. Joao Lima Department of Radiology, Johns Hopkins Medicine, Baltimore, USA Aliye Özenoğlu Department of Nutrition and Dietetics, Ondokuz Mayıs University Samsun Health School, Samsun, Turkey

Alp Usubütün Department of Pathology, Hacettepe University School of Medicine, Ankara, Turkey Alper Sertçelik Department of Cardiology, Sanko University School of Medicine, Gaziantep, Turkey

Altan Atakan Özcan Department of Ophthalmology, Çukorova University School of Medicine Balcalı Hospital, Adana, Turkey



CYPRUS JOURNAL OF MEDICAL SCIENCES

Ayla Ünsal Department of Nursing, Ahi Evran University School of Health, Kırşehir, Turkey

Ayşe Nihal Demircan Department of Ophthalmology, Çukurova University School of Medicine, Adana, Turkey

Aytekin Besim Private Clinic of Radiology, Ankara, Turkey

Barış Doğu Yıldız Department of General Surgery, Ankara Numune Research and Training Hospital, Ankara, Turkey

Bengi Semerci Department of Psychiatry, Institute of Bengi Semerci, İstanbul, Turkey

Berksan Reșorlu Department of Urology, Çanakkale Onsekiz Mart University School of Medicine, Çanakkale, Turkey

Bilge Üzmezoğlu Department of Occupational Diseases, Atatürk Chest Diseases and Chest Surgery Training and Research Hospital, Ankara, Turkey

Çağrı Buke Department of Enfectious Diseases and Clinical Microbiology, Yeditepe University School of Medicine, Istanbul, Turkey

Celal Karlıkaya Department of Chest Diseases, Trakya University School of Medicine, Edirne, Turkey

Cem Terzi Department of General Surgery, Dokuz Eylül University School of Medicine, İzmir, Turkey Coșkun Yorulmaz Department of Forensic Medicine, İstanbul University Cerrahpașa School of Medicine, İstanbul, Turkey

Dilek Yavuz Department of Internal Medicine and Endocrinology Section, İstanbul University School of Medicine, İstanbul, Turkey

Ebru Yılmaz Yalçınkaya Department of Physical Therapy and Rehabilitation, Gaziosmanpaşa Taksim Research and Training Hospital, İstanbul, Turkey

Elif Arı Bakır Department of Nephrology, Kartal Dr. Lütfi Kırdar Training Hospital, İstanbul, Turkey

Egemen İdiman Department of Neurology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Emrah Alper Clinic of Gastroenterology, İzmir Katip Çelebi University Atatürk Training and Research Hospital, İzmir, Turkey

Emre Canda Department of General Surgery, Dokuz Eylül University School of Medicine, İzmir, Turkey

Erol Baysal Dubai Genetic and Thalassemia Center, Dubai Health Authority, Dubai, UAE

Erol Gökel Department of Anesthesiology and Reanimation, Dokuz Eylül University School of Medicine, İzmir, Turkey

Fatih Aslan

Clinic of Gastroenterology, İzmir Katip Çelebi University Atatürk Training and Research Hospital, İzmir, Turkey

Fatih Köse

Department of Oncology, Başkent University School of Medicine, Adana Search and Practise Hospital, Adana, Turkey

Fazıl Tuncay Aki Department of Urology, Head of Transplantation Unite, Hacettepe University School of Medicine, Ankara, Turkey

Fevzi Balkan Department of Endocrinology and Metabolic Diseases, Medicana International İstanbul Hospital, İstanbul, Turkey

Funda Tuğcu Department of Oral and Maxillofacial Surgery, Ankara University School of Dentistry, Ankara, Turkey

Gölge Acaroğlu Private Clinic of Ophthalmology, Ankara, Turkey

Gökhan Nergizoğlu Department of Internal Medicine-Nephrology, Ankara University School of Medicine, Ankara, Turkey

Hür Hassoy Department of Public Health, Ege University School of Medicine, İzmir, Turkey

Hakan Altay Department of Cardiology, Başkent University İstanbul Hospital, İstanbul, Turkey



CYPRUS JOURNAL OF MEDICAL SCIENCES

Hüseyin Bakkaloğlu Department of General Surgery, İstanbul University School of Medicine, İstanbul, Turkey

Hüseyin Mertsoylu Department of Oncology, Başkent University School of Medicine, Adana Search and Practise Hospital, Adana, Turkey

İlhami Kuru Department of Orthopedics and Traumatology, Başkent University School of Medicine, Ankara, Turkey

Kemal Bakır Department of Pathology, Gaziantep University School of Medicine, Gaziantep, Turkey

Kürşad Türksen Samuel Lunenfeld Research Institute, Mount Sinai Hospital University of Toronto, Toronto, Canada

Lale Tokgözoğlu Department of Cardiology, Hacettepe University School of Medicine, Ankara, Turkey

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

Mazhar Tokgözoğlu Department of Orthopedics and Traumatology, Hacettepe University School of Medicine, Ankara, Turkey

Mehmet Kaynar Department of Urology, Selçuk University School of Medicine, Konya, Turkey Melih Atahan Güven Department of Gynecology and Obstetrics, Acıbadem University School of Medicine, İstanbul, Turkey

Mohammed Al-Barbarawi Department of Neurosurgery, Sydney University School of Medicine Royal North Shore Hospital, Sydney, Australia

Mustafa Camgöz Department of Life Sciences, Imperial Collage School of Natural Sciences, London, United Kingdom

Mustafa Sertaç Yazıcı Department of Urology, Hacettepe University School of Medicine, Ankara, Turkey

Müfit Akyüz Department of Physical Therapy and Rehabilitation, Karabük University School of Medicine, Karabük, Turkey

Müslime Akbaba Department of Ophthalmology, Acıbadem University School of Medicine, İstanbul, Turkey

Necati Gökmen Department of Anesthesiology and Reanimation, Dokuz Eylül University School of Medicine, İzmir, Turkey

Neval Duman Department of Internal Medicine-Nephrology, Ankara University School of Medicine, Ankara, Turkey

Nihat Yavuz Department of General Surgery, İstanbul University School of Medicine, İstanbul, Turkey Nilgün Kapucuoğlu Department of Pathology, Acıbadem University School of Medicine, İstanbul, Turkey

Noriyuki Tomiyama Department of Radiology, Osaka University Graduate School Of Medicine, Osaka, Japan

Nuri Özgirgin Department of Otorhinolaryngology, Bayındır Hospital, Ankara, Turkey

Orçun Şahin Department of Orthopedics and Traumatology, Başkent University School of Medicine, Ankara, Turkey

Osman Hatipoğlu Department of Chest Diseases, Trakya University School of Medicine, Edirne, Turkey

Osman Nuri Dilek Department of General Surgery, İzmir Katip Çelebi University Atatürk Training and Research Hospital, İzmir, Turkey

Oytun Erbaş Department of Experimental Medicine, The Scientific and Technological Research Council (TUBITAK-Martek) of Turkey, IL, USA

Özgür Deren Department of Obstetrics and Gynecology, Division of Maternal Fetal Medicine, Hacettepe University, Ankara, Turkey

Ozgür Demir Department of Endocrinology and Metabolic Diseases, Ankara University School of Medicine, Ankara, Turkey



CYPRUS JOURNAL OF MEDICAL SCIENCES

Özgür Özyılkan Department of Oncology, Başkent University Adana Search and Practise Hospital, Adana, Turkey

Peyman Yalçın Department of Physical Therapy and Rehabilitation, Ankara University School of Medicine, Ankara, Turkey

Ralph Tufano Department of Otolaryngology-Head and Neck Surgery, Johns Hopkins Medicine, Baltimore, USA

Rahmi Kılıç Department of Otorhinolaryngology, Kırıkkale University School of Medicine, Kırıkkale, Turkey

Salih Marangoz Department of Orthopaedics and Traumatology, Acıbadem Mehmet Ali Aydınlar University School of Medicine, İstanbul, Turkey Selçuk İnanlı Department of Otorhinolaryngology, Head and Neck Surgery, Marmara University School of Medicine, İstanbul, Turkey

Semih Küçükgüçlü Department of Anesthesiology and Reanimation, Dokuz Eylül University School of Medicine, İzmir, Turkey

Serap Öztürkcan Department of Dermatology, Celal Bayar University School of Medicine, Manisa, Turkey

Serkan Durdu Department of Cardiovascular Surgery, Cebeci Kardiac Center, Ankara University School of Medicine, Ankara, Turkey

Serkan Sertel Department of Otorhinolaryngology, University of Heidelberg Neuenheimer Feld, Heidelberg, Germany Serpil Altındoğan Department of Oral Maxillofascial Surgery, Ankara University School of Dentistry, Ankara, Turkey

Server Serdaroğlu Department of Dermatology, İstanbul University Cerrahpaşa School of Medicine, İstanbul, Turkey

Teslime Atlı Department of Geriatrics, Ankara University School of Medicine, Ankara, Turkey

Tolga Karcı Department of Orthopaedics and Traumatology, İzmir Şifa University İzmir, Turkey

Vedat Göral Department of Gastroenterology, İstanbul Medipol University School of Medicine, İstanbul, Turkey

Vural Fidan Department of Otorhinolaryngology, Yunus Emre State Hospital, Eskisehir, Turkey



CYPRUS JOURNAL OF MEDICAL SCIENCES

Aims and Scope

Cyprus Journal of Medical Sciences (Cyprus J Med Sci) is the scientific, peer reviewed, open access international publication organ of Cyprus Turkish Medical Association. The journal is published three times a year, in April, August, and December. As of 2020, the journal has become a quarterly publication, publishing in March, June, September, and December. The journal's publication language is English.

The aim of the journal is to publish original research papers of the highest scientific and clinical value in all medical fields. Cyprus Journal of Medical Sciences also publishes reviews, rare case report and letters to the editors.

The target audience of the journal includes healthcare professionals physicians, and researchers who are interested or working in in 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).

Cyprus Journal of Medical Sciences is indexed in Web of Science-Emerging Sources Citation Index, TUBITAK ULAK-BIM TR Index, EBSCO, and Gale.

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.cyprusjmedsci.com. 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 Cyprus Turkish Medical Association. 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 Cyprus Turkish Medical Association, 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.cyprusjmedsci.com. Printed copies of the journal are distributed to the members of the Cyprus Turkish Medical Association, free of charge.

Cyprus Journal of Medical Sciences is an open access publication, and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Authors retain the copyright of their published work in the Cyprus Journal of Medical Sciences. The journal's content is licensed under a Creative Commons Attribution 4.0 International License.

 ∞ OPEN OPENS

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

Material Disclaimer

Statements or opinions expressed in the manuscripts published in The Cyprus Journal of Medical Sciences reflect the views of the author(s) and not the opinions of the editors, the editorial board and the publisher; the editors, the editorial board and the publisher disclaim any responsibility or liability for such materials.



CYPRUS JOURNAL OF MEDICAL SCIENCES

Instruction to Authors

Cyprus Journal of Medical Sciences (Cyprus J Med Sci) is the scientific, peer-reviewed, open access international publication organ of Cyprus Turkish Medical Association. The journal is published quarterly in March, June, September, and December. The journal's publication language is English.

The aim of the journal is to publish original research papers of the highest scientific and clinical value in all medical fields. Cyprus Journal of Medical Sciences also publishes reviews, rare case report and letters to the editors.

The target audience of the journal includes healthcare professionals physicians, and researchers who are interested or working in in all fields of medicine.

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 Cyprus Journal of Medical Sciences 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.

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

Cyprus Journal of Medical Sciences 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.



CYPRUS JOURNAL OF MEDICAL SCIENCES

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.

Preprint

Authors must provide the journal with the pre-print server deposition of their article accompanying its DOI during initial submission.

Cyprus Journal of Medical Sciences does not consider preprint publications as prior publication. In other words, authors are allowed to present and discuss their findings on a non-commercial preprint server before submission to the journal.

If the article is published in Cyprus Journal of Medical Sciences, it is the responsibility of the authors to update the archived preprint and link it to the published version of the article.

Authorship

Each person listed as an author should fulfill the authorship criteria recommended by the International Committee of Medical Journal Editors (ICMJE - www.icmje.org). The ICMJE recommends that authorship is based on the following four criteria:

- I. 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 en-

suring 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.

Cyprus Journal of Medical Sciences requires corresponding authors to submit a signed and scanned version of the Copyright Agreement and Acknowledgement of Authorship form (available for download www.cyprusimedsci.com) 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

Cyprus Journal of Medical Sciences 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 quidelines.

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

Cyprus Journal of Medical Sciences requires each submission to be accompanied by a Copyright Agreement and Acknowledgement of Authorship form (available for download www.cyprusjmedsci. com). 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



CYPRUS JOURNAL OF MEDICAL SCIENCES

and criminal liabilities in this regard belong to the author(s). By signing this form, authors retain the copyright of their work and agree that the article, if accepted for publication by the Cyprus Journal of Medical Sciences will be licensed under a Creative Commons Attribution 4.0 International License (CC BY).

Disclaimer

Statements or opinions expressed in the manuscripts published in Cyprus Journal of Medical Sciences 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 IC-MJE-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 quidelines for observational original research studies, STARD guidelines for studies on diagnostic accuracy, PRISMA quidelines 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. cyprusjmedsci.com. 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. cyprusjmedsci.com.

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 OR-CID 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 (Background/Aims, Material and Methods, Results and Conclusion). Please check Table I below for word count specifications.

Keywords: Each submission must be accompanied by a minimum of three to a maximum of five 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. Acceptance of original papers will be



CYPRUS JOURNAL OF MEDICAL SCIENCES

based upon the originality and importance of the investigation. The main text of original articles should be structured with Introduction, Material and Methods, Results, and Discussion subheadings. An original article can be signed by maximum 6 authors unless it is a multi-center study or that it required extensive labour. Please check Table I for the limitations for Original Articles.

Clinical Trials

Cyprus Journal of Medical Sciences adopts the ICMJE's clinical trial registration policy, which requires that clinical trials must be registered in a publicly accessible registry that is a primary register of the WHO International Trials Registry Platform (ICTRP) or in ClinicalTrials.gov.

Instructions for the clinical trials are listed below.

- Clinical trial registry is only required for the prospective research projects that study the relationship between a health-related intervention and an outcome by assigning people.
- To have their manuscript evaluated in the journal, author should register their research to a public registry at or before the time of first patient enrollment.
- Based on most up to date IC-MJE recommendations, Cyprus Journal of Medical Sciences accepts public registries that in-

clude minimum acceptable 24item trial registration dataset.

- Authors are required to state a data sharing plan for the clinical trial registration. Please see details under "Data Sharing" section.
- For further details, please check ICMJE Clinical Trial Policy at http://www.icmje.org/recommendations/browse/publishing-and-editorial-issues/clinical-trial-registration.html

Data Sharing

As of I January 2019, a data sharing statement is required for the registration of clinical trials. Authors are required to provide a data sharing statement for the articles that reports the results of a clinical trial. The data sharing statement should indicate the items below according to the IC-MJE data sharing policy:

- Whether individual deidentified participant data will be shared
- What data in particular will be shared
- Whether additional, related documents will be available
- When the data will be available and for how long
- By what access criteria will be shared

Authors are recommended to check the ICMJE data sharing examples at http://www.icmje. org/recommendations/browse/ publishing-and-editorial-issues/ clinical-trial-registration.html

While submitting a clinical trial to Cyprus Journal of Medical Sciences;

- Authors are required to make registration to a publicly accessible registry according to ICMJE recommendations and the instructions above.
- The name of the registry and the registration number should be provided in the Title Page during the initial submission.
- Data sharing statement should also be stated in the Title Page even the authors do not plan to share it.

Clinical trial and data sharing policy of the journal will be valid for the articles submitted from I February 2020.

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.

Type of manuscript	Word limit	Abstract word limit	Reference limit	Table limit	Figure limit
Original Article	4000	250	35		5 or total of 10
		(Structured)		6	images
Review Article	5000	250	50		10 or total of 15
				6	images
Case Report	1200	200	15		4 or total of 8 im-
				No tables	ages
Letter to the Editor	400	No abstract	5	No tables	No media



CYPRUS JOURNAL OF MEDICAL SCIENCES

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

Editorial Comments: Invited brief editorial comments on selected articles are published in The Cyprus Journal of Medical Sciences. Editorials should not be longer than 1000 words excluding references. 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 quide future studies. The subheadings of the review articles should be planned by the authors. However, each review article should include an "Introduction" and a "Conclusion" section. Please check Table I 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 with an unstructured abstract. Please check Table I 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.

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)"



CYPRUS JOURNAL OF MEDICAL SCIENCES

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.

Journal Article: Yazıcı A. The efficacy of endoscopic ventilation tube insertion in pediatric populations. Cyprus J Med Sci 2019; 4(2): 73-6.

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 (ET-DRS), 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): I(I): (24 screens). Available from: URL: http://www.cdc. gov/ncidodIEID/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.



CYPRUS JOURNAL OF MEDICAL SCIENCES

Contents

Original Articles

- 279 Factors Affecting Strangulation and Necrosis in Incarcerated Abdominal Wall Hernias Arife Şimşek, Hüseyin Kocaaslan, Abuzer Dirican, Mustafa Ateş
- 284 Evaluation of Balance Test Outcomes in Children with Poor Vision Banu Baş, Mustafa Karabulut, Banu Müjdeci
- 289 The Association of Ki-67 and the Stage change between AJCC 7th and 8th Edition in Breast Cancer Zehra Edebal, Sami Turan, Hüseyin Kılıç
- 295 Calcium and Sodium Channel Blockers and Gastrointestinal Motility Emine Koç
- 299 Peripheral Block Education and Level of Competency: A Survey of Turkish Anesthesiologists Onur Selvi, Serkan Tulgar, Özgur Senturk, Zafer Taş, Halil Cihan Köse, Deniz İlhan Topçu, Zeliha Özer
- 305 Anticancer Activities of *Allium sativum* L. Against MCF-7 and MDA-MB-23I Breast Cancer Cell Lines Mediated by Caspase-3 and Caspase-9 Ovgu Isbilen, Ender Volkan
- 313 Neonates Hearing Screening Results: A Comparison of Chirp and Click Stimuli with an Automated Auditory Brainstem Response Device Hüseyin Deniz, Alper Yazıcı, Mehmet Enes Coşkun
- 317 Conservative Treatment for Locally Advanced Carcinoma of the Larynx Using Alpha-Crystalline B as a Prognostic Molecular Marker Rajab Alzahrani, AbdulRahman N Alghamdi, Ashjan Shami, Wael H Elsawy, Amal F Gharib, Hanan S. Amin, Majed AlMourgi
- 323 Digital and Extradigital Glomus Tumors: A Clinicopathological Analysis Asuman Kilitci, Ömer Faruk Elmas, Kutsi Tuncer
- 327 Prevalence of Pathologic Plica Following Anterior Cruciate Ligament Injury Deniz Aydın, Barış Polat
- 333 The Impact of Preoperative Nutritional Status of Elderly Patients on the Postoperative Outcome: Comparison of Two Nutritional Assessment Tests and Biochemical Tools Özlem Sezen, Banu Çevik
- 339 Potential Predictive Factors for Breast Cancer Subtypes from a North Cyprus Cohort Analysis Ayse Ulgen, Özlem Gürkut, Wentian Li
- 350 Complete Removal of the Infrapatellar Fat Pad in Total Knee Arthroplasty Does Not Affect the Patellar Height Serkan Güler, Sercan Capkin, Ramadan Özmanevra



CYPRUS JOURNAL OF MEDICAL SCIENCES

Reviews

- 355 Whitening Dentifrices: A Review Ceren Değer, Arzu Müjdeci
- 36| Exosome Mimetic Nanovesicles; Are They Next Best Alternative Therapeutic Approach Combating Cancer? Cenk Serhan Özverel
- 365 COVID-19 and Ozone Necat Yılmaz, Esin Eren, Cemile Öz

Letter to the Editor

- 373 Comment on "Dog Bites and Their Treatment in Federation of Bosnia and Herzegovina" Nikolaos Syrmos
- 374 Erratum



CYPRUS JOURNAL OF MEDICAL SCIENCES

Editorial



Dear Colleagues,

I hope you are doing well, and I wish so. I know that every one of us is tired of this disastrous infection disease. I hope, like everyone else, that vaccines produced in certain countries and used worldwide will eventually cure the disease. But COVID-19 infection points out that infections will be the most observed diseases, and we should be well prepared to overcome them.

I wish you all a very great Christmas and a happy new year with healthy, peaceful life.

As life goes on, we are trying to put new knowledge into the literature. We will be welcomed to publish new knowledge and good quality papers about COVID-19 as soon as possible.

With my editorial, we are very grateful and would like to thank to all reviewers and authors for their tremendous efforts.

My best kind regards.

Sonuç Büyük Editor in Chief