

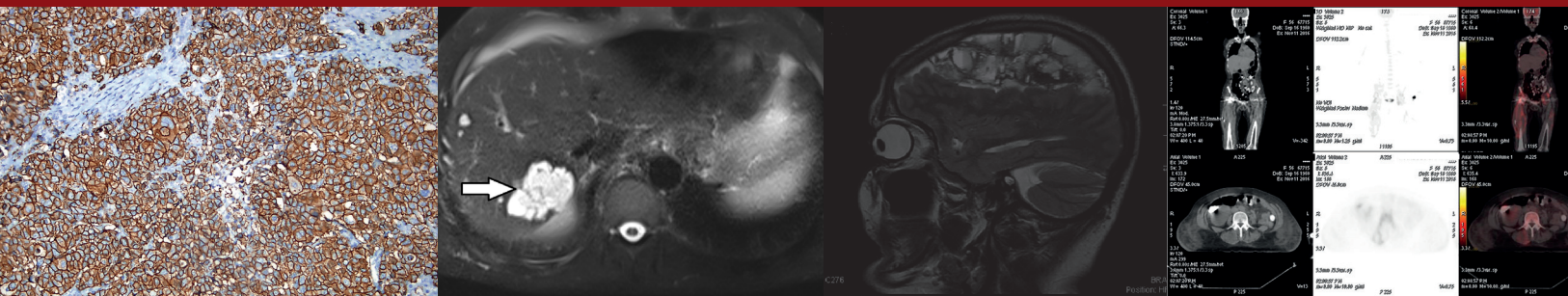


Official journal of
Cyprus Turkish Medical Association

Indexed in
Web of Science

CYPRUS JOURNAL OF MEDICAL SCIENCES

VOLUME 4 • ISSUE 1 • APRIL 2019



Original Articles

The Prevalence of Sarcopenia in Prediabetics

Sabah Tüzün, Elif Sevinç, İsmet Tamer, Ekrem Orbay, Reşat Dabak

Occupational Disease Awareness

Bilge Üzmezoğlu, Mine Esin Ocaktan, Gülden Sarıl, Deniz Çalışkan

Impact of MPV in bladder cancer

Yiğit Akın, Sacit Nuri Görgel, Esra Meltem Koç, Osman Köse, Serkan Özcan, Yüksel Yılmaz

Thiol/Disulfide and NLR in Urinary Tract Infections

Şervan Gökhan, Fatih Tanrıverdi, Gül Pamukçu Günaydın, Çağdaş Yıldırım, Fatih Ahmet Kahraman, Ayhan Özhasenekler, Gülhan Kurtoğlu Çelik, Özcan Erel

MitoTEMPO in Aged Contractility

Emine Koç, Yusuf Olgar, Belma Turan

Knowledge and Attitude of the Pharmacist

Kaya Süer, Sanda Çalı, Asli Aykac

Forecasting Measles in the EU Using ANFIS

Erkut İnan İşeri, Kaan Uyar, Ümit İlhan

Platelet Indices in Cervical Cancers

Emre Erdem Taş, Gülin Feykan Yeğin, Hüseyin Levent Keskin, Edip Alptuğ Kır, Ayşe Filiz Yavuz

Limiting Liver Imaging with Only Diffusion Sequences

Sertan Gezgın, Murat Kocaoğlu



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

Editor

Sonuç Büyük
Department of Pathology,
Dr. Burhan Nalbantoğlu
State Hospital, Nicosia,
Cyprus

Associate Editors

Düriye Deren Oygur
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

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

Serap Soytaç İnançlı
Private Clinic of Endocrinology
and Metabolic Diseases and
Internal Medicine, Nicosia, Cyprus

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 Maxillofacial
Surgery, 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 Maxillofacial
Surgery, Nicosia, Cyprus

Gamze Mocan Kuzey
Department of Pathology and
Cytology, Near East University
School of Medicine,
Nicosia, Cyprus

Gülşen 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



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 DELİCAY
Arzu YILDIRIM

**Project
Coordinators**
Doğan ORUÇ
Sinem KOZ

Graphics Department
Ünal ÖZER
Deniz DURAN
Beyzanur KARABULUT

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

Publication Type
Local periodical
Printed Date
April 2019

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



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

İdris Deniz

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

İsmet Başar

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

Kenan Arifoğlu

Department of Plastic and
Reconstructive Surgery, Dr.
Burhan Nalbantoğlu 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
of 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 Nuclear Medicine,
East Mediterranean 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



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

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,
Çukurova University School
of Medicine Balcalı Hospital,
Adana, Turkey

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

Berkasın Reşorlu

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 Infectious
Diseases and Clinical
Microbiology, Yeditepe University
School of Medicine, İstanbul,
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

Coşkun Yorulmaz

Department of Forensic
Medicine, İstanbul University
Cerrahpaşa School of Medicine,
İstanbul, Turkey

Dilek Kılıç

Department of Infectious
Diseases, Kırıkkale University
School of Medicine, Kırıkkale,
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. Lutfi 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 Unit, 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



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

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

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, Acibadem 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,
Acibadem 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,
Acibadem 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



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

Özgür Demir

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

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, Koç 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 Kardiak 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
Maxillofacial 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, Eskişehir, Turkey



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

Aims and Scope

Cyprus Journal of Medical Sciences (Cyprus J Med Sci) is the peer-reviewed, open access, international publication organ of Cyprus Turkish Medical Association. The journal is printed three times a year in April, August and December. The publication language of the journal is English.

Cyprus Journal of Medical Sciences aims to publish manuscripts at the highest clinical and scientific level on all fields of medicine. The journal publishes original papers, review articles, case reports and letters.

Cyprus Journal of Medical Sciences is indexed in Web of Science-Emerging Sources Citation Index and EBSCO.

Editorial and publication processes of the journal are shaped in accordance with the guidelines of the international organizations such as 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).

Financial expenses of Cyprus Journal of Medical Sciences are covered by Cyprus Turkish Medical Association.

Permissions and Reprints

Permissions for reproduction of materials published and reprints in The Cyprus Journal of Medical Sciences should be requested from the editorial office at info@cyprusjmedsci.com

Advertising

For requests concerning advertising, please contact the Publisher.

The journal is printed on acid-free paper.



OPEN ACCESS

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.



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

Instruction to Authors

The Cyprus Journal of Medical Sciences (Cyprus J Med Sci) is a peer-reviewed, open access, international publication organ of Cyprus Turkish Medical Association. The Cyprus Journal of Medical Sciences aims to publish manuscripts at the highest clinical and scientific level on all fields of medicine. The journal publishes original papers, review articles, case reports and letters. The journal is printed three times a year in April, August and December. The publication language of the journal is English.

Editorial and publication processes of the journal are shaped in accordance with the guidelines of the international organizations such as 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)

The Cyprus Journal of Medical Sciences will only evaluate manuscripts submitted via the journal's self-explanatory online manuscript submission and evaluation system, manuscripts submitted via any other medium will not be evaluated.

Manuscripts are published on the understanding that they are original contributions and do not contain data that have been published elsewhere or are under consideration by another journal. Meeting abstracts are not considered as duplicate publications but should be disclosed in the cover letter accompanying the manuscript.

Authors must obtain written permission from the copyright owner to reproduce previously published

figures, tables, or any other material in both print and electronic formats. The original source should be cited within the references and below the reprinted material.

The Cyprus Journal of Medical Sciences requires each submission to be accompanied by a Copyright Transfer Form, an Author Contributions Form and an ICMJE Form for Disclosure of Potential Conflicts of Interest.

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 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.

Each individual listed as an author should fulfil the authorship criteria recommended by the International Committee of Medical Journal Editors (Uniform Requirements for Manuscripts Submitted to Biomedical Journals. <http://www.icmje.org>). Individuals who contributed to the preparation of the manuscript but do not fulfil the authorship criteria should be acknowledged in an acknowledgments section, which should be included in the title page of the manuscript. If the editorial board suspects a case of "gift authorship", the submission will be rejected without further review.

The Cyprus Journal of Medical Sciences requires and encourages the authors and the individuals

involved in the evaluation process to disclose any existing or potential conflicts of interests including financial, consultant, institutional and other relationships that might lead to bias or a conflict of interest.

A submitted manuscript will not be evaluated for publication until a conflict of interest disclosure is submitted. The disclosure should also be included in the main document before the reference list and in the cover letter. The following information must be provided:

- The author acting as the submission's guarantor and the corresponding author must be identified in the letter to the editor.

- Any financial or editorial assistance received to support the research and/or article should be cleared.

- Identification of any relationships that provided financial or editorial support for the study which may in potential cause competing interests for the submission.

The authors should state in the Materials and Methods section of the main text that experiments have been performed in compliance with the ethical principles of the assigned institutional board or national committee. Application or approval number/year for the study should also be indicated.

It is the author's responsibility to carefully protect the patients' anonymity and to verify that any experimental investigation with human subjects reported in the submission was performed with informed consent and following all the guidelines for experimental investigation with human subjects required by



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

the institution(s) with which all the authors are affiliated with. For photographs that may reveal the identity of the patients, releases signed by the patient or their legal representative should be enclosed.

When reporting experiments on human subjects, indicate whether the procedures followed were in accordance with the ethical standards of the responsible committee on human experimentation (institutional or regional) and with the Helsinki Declaration (JAMA 2000;284:3043-3049).

As part of submission of the manuscript, the correspondent author should 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.

Originality, high scientific quality and citation potential are the most important criteria for a manuscript to be accepted for publication.

Manuscripts submitted to the journal will first go through a technical evaluation process where the editorial office staff will ensure that the manuscript is prepared and submitted in accordance with the journal's guidelines. Submissions that don't conform the journal's guidelines will be returned to the submitting author with technical correction requests. Manuscripts that conform the journal's guidelines will be reviewed by at least 3 external peer reviewers during the evaluation process. The Editor in Chief is the final authority in the decision making process.

Authors of a paper accepted for publication in the The Cyprus Journal of Medical Sciences should be in consent of that editors could

make corrections without changing the basic meaning of the text of the manuscript.

All submissions are screened by iThenticate. In case there is more than 20% similarity with existing studies, the paper is automatically rejected.

MANUSCRIPT PREPARATION

Manuscripts should be prepared in accordance with the ICMJE - Recommendations for the Conduct, Reporting, Editing and Publication of Scholarly Work in Medical Journals (updated in December 2018 - available at www.icmje.org).

Original Investigations and Reviews should be presented according to the guidelines: randomized study - CONSORT, observational study - STROBE, study on diagnostic accuracy - STARD, systematic reviews and meta-analysis PRISMA, nonrandomized behavioural and public health intervention studies - TREND.

Cover letter

A letter of submission must be included in all manuscripts, including revised manuscripts.

This letter may be used to emphasize the importance of the study or new significant points included to the revised manuscript. This letter can be typed or added to the relevant section of the online submission using copy/paste method. In the cover letter of each submission, the authors should briefly state the existing knowledge relevant to the study and the contributions their study make to the existing knowledge.

Title page

A separate title page should be submitted with all submissions and should include the title of the

manuscript, name(s), affiliations and major degree(s) of the author(s) and source(s) of the work or study, a short title (running head) of no more than 50 characters. The name and e-mail address of the corresponding author should be listed on the title page. Grant information and other sources of support should also be included on the Title page. Individuals who contributed to the preparation of the manuscript but do not fulfil the authorship criteria should be acknowledged in the title page.

Main Document

Abstract

All manuscripts should be accompanied an abstract. A structured abstract is required with original articles and it should include the following subheadings: Background/Aims, Material and Methods, Results and Conclusion. A structured abstract is not required with review articles and case reports. The abstract should be limited to 250 words for original articles and review articles and 150 words for case reports.

Keywords

Each submission should be accompanied by 3 to 5 key words which should be picked from the Medical Subject Headings (MeSH) list (www.nlm.nih.gov/mesh/MBrowser.html).

Main Text

Original Articles: Acceptance of original papers will be based upon the originality and importance of the investigation.

Original Articles should be structured with Introduction, Materials and Methods, Results and Discussion subheadings. The number of references cited should not exceed 35 and the main text should be limited



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

ed to 4000 words. An original article can be signed by maximum 6 authors unless it is a multi-center study or that it required extensive labour.

Introduction: Provide background information that will orient the general reader.

Materials/Patients and Methods: Materials/Patients and Methods: Provide a level of detail such that another investigator could repeat the work for methods that are used without significant modification. Citation of the original work will suffice. For reports of research using human subjects, state that informed consent was obtained from each patient and that institutional ethic committee approval was obtained.

State if informed consent was obtained from each patient and that ethic committee approval was obtained.

Results: Use tables and figures for better understanding. Please refer to the instructions before uploading images to the website.

Discussion: Discuss your results by citations; avoid discussion of other related works. Do not engage in a literature review.

Case Reports: The Cyprus Journal of Medical Sciences encourages submission of original and interesting case series. Single case reports are not considered for evaluation and publication; however, submission of single case reports in the letter to the editor format is possible and encouraged.

The main text of Case Reports should be limited with 1200 words and should be structured with the following subheadings; Introduction, Case Presentation and Discus-

sion. The maximum number of references cited in a case report should be 10. A case report can be signed by maximum 5 authors unless the report entails a rare disease or condition with a cohort or multi-center.

Review Articles: Mainly, invited reviews on specific topics are published. In exceptional cases, non-invited reviews may be considered for publication. Individuals interested in writing a review article must correspond with the Editorial Office regarding the topic before submitting the entire manuscript. The subheadings of the review articles should be planned by the authors. However, each review article should include a "Conclusion" section. The main text of review articles should be limited with 5000 words. The number of references cited should not exceed 50.

Editorials: 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.

Letter to the editor: Letters to the editor, containing case reports or brief reports of studies should not be longer than 400 words excluding references. Letters should include no more than 5 references.

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

Statistical analysis should be performed in accordance with guidelines on reporting statistics in medical journals (Altman DG, Gore SM, Gardner MJ, Pocock SJ. Statistical

guidelines for contributors to medical journals. *Br Med J* 1983; 7; 1489-93.). Information on the statistical analysis process of the study should be provided within the main text.

When a drug, product, hardware, or software mentioned within the main text product information, including the name of the product, producer of the product, city of the company and the country of the company should be provided in parenthesis 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 shortcomings of original articles should be mentioned in the "Discussion" section before the conclusion paragraph.

References

References should be numbered consecutively in the order they are referred to within the main text and all references listed in the reference list should be referred to within the main text in parenthesis. Style and punctuation of each reference in the reference list should be in accordance with the examples listed below;

Standard journal article: Journal titles should be abbreviated in accordance with journal abbreviations used in Index Medicus (for journal abbreviations consult List of Journals indexed for MEDLINE published annually by NLM at <http://www.nlm.nih.gov/tsd/serials/lji.html>). When there are six or fewer authors, all authors should be listed. If there are seven or more authors, first 6



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

should be listed, followed by "et al.". A list of authors should be followed by the full title of the article, journal title, year, volume and page numbers.

Example: Gül M, Bayat N, Çetin A, Kepekçi RA, Şimşek Y, Kayhan B, et al. Histopathological, Ultrastructural and Apoptotic Changes in Diabetic Rat Placenta. *Balkan Med J* 2015; 32: 296-302.

Books:

Chapter in a book: Sherry S. Detection of thrombi. In: Strauss HE, Pitt B, James AE, editors. *Cardiovascular Medicine*. St Louis: Mosby; 1974. p. 273-85.

Personal author(s): Cohn PF. *Silent myocardial ischemia and infarction*. 3rd ed. New York: Marcel Dekker; 1993.

Editor (s), compiler(s) as author: Norman IJ, Redfern SJ, editors. *Mental health care for elderly people*. New York: Churchill Livingstone; 1996.

Conference paper: 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. P. 1561-5.

Scientific or technical report: Smith P, Golladay K. *Payment for durable medical equipment billed during skilled nursing facility stays. Final report*. Dallas (TX) Dept. of Health and Human Services (US). Office of Evaluation and Inspections; 1994 Oct. Report No: HHSIGOE I69200860.

Dissertation: Kaplan SI. *Post-hospital home health care: the elderly*

access and utilization (dissertation). St. Louis (MO): Washington Univ. 1995.

Article 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: [http:// www.cdc.gov/ncidod/EID/cid.htm](http://www.cdc.gov/ncidod/EID/cid.htm).

Tables

Tables should be included in the main document and should be presented after the reference list. Tables should be numbered consecutively in the order they are referred to within the main text. A descriptive title should be provided for all tables and the titles should 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 an easy reading. Data presented in the tables should not be a repetition of the data presented within the main text but should be supporting the main text.

Figures and Figure Legends

Figures, graphics and photographs should be submitted as separate files (in TIFF or JPEG format) through the submission system. The files should not be embedded in a Word document or the main document. When there are figure subunits, the subunits should not be merged to form a single image. Each subunit should be submitted separately through the submission system. Images should not be labelled (a, b, c, etc.) to indicate figure subunits. Thick and thin arrows,

arrowheads, stars, asterisks and similar marks can be used on the images to support figure legends. Like the rest of the submission, the figures too should be blind. Any information within the images that may indicate an individual or institution should be blinded. The minimum resolution of each submitted figure should be 300DPI. To prevent delays in the evaluation process all submitted figures should be clear in resolution and large in size (minimum dimensions 100x100 mm)

Figure legends should be listed at the end of the main document.

Once a manuscript is accepted for publication it will be provided with a registered DOI number following the acceptance decision. Manuscripts accepted for publication by the Cyprus Journal of Medical Sciences will be published as ahead of print articles prior to the printing date of their scheduled issue. Corresponding author will be provided with a PDF Proof by the publisher once the production process of an accepted manuscript is over. The publisher will request the corresponding author to list their correction requests if there are any and approve the publication of the manuscript.

PERMISSIONS AND REPRINTS

Permissions for reproduction of materials published and reprints in the Cyprus Journal of Medical Sciences should be requested from the editorial office at info@avesyayincilik.com

INSTRUCTIONS FOR AUTHORS

Instructions for authors are published in the journal pages and could be accessed at the web site of the journal cyprusjmedsci.com.



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

Contents

Original Articles

- 1 The Prevalence of Sarcopenia Using Different Formulas in Patients with Prediabetes
Sabah Tüzün, Elif Sevinç, İsmet Tamer, Ekrem Orbay, Reşat Dabak
- 5 Awareness of Occupational Diseases in Training Internal Medicine: The Importance of Continuing Education
Bilge Üzmezoğlu, Mine Esin Ocaktan, Güliden Sarı, Deniz Çalışkan
- 14 Impact of the Mean Platelet Volume on Muscle-Invasive Bladder Cancer: An Initial Report From a Pioneer Center
Yiğit Akın, Sacit Nuri Görgel, Esra Meltem Koç, Osman Köse, Serkan Özcan, Yüksel Yılmaz
- 19 Importance of Thiol/Disulfide Homeostasis and the Neutrophil-to-Lymphocyte Ratio in Diagnosing of Urinary Tract Infections in the Emergency Department
Şervan Gökhan, Fatih Tanrıverdi, Gül Pamukçu Günaydın, Çağdaş Yıldırım, Fatih Ahmet Kahraman, Ayhan Özhasenekler, Gülhan Kurtoğlu Çelik, Özcan Erel
- 24 MitoTEMPO Increases the Gastrointestinal Motility in Aged Rats
Emine Koç, Yusuf Olgar, Belma Turan
- 28 Implementations Related to the Use of Antibiotics and Data Sources Used by Community Pharmacists in the Northern Cyprus
Kaya Süer, Sanda Çalı, Asli Aykac
- 34 Forecasting Measles in the European Union Using the Adaptive Neuro-Fuzzy Inference System
Erkut İnan İşeri, Kaan Uyar, Ümit İlhan
- 38 Is There Any Correlation Between Preoperative Platelet Indices and Surgical Prognostic Factors in Patients with Cervical Cancer?
Emre Erdem Taş, Gülin Feykan Yeğin, Hüseyin Levent Keskin, Edip Alptuğ Kır, Ayşe Filiz Yavuz
- 43 Can Liver Imaging for Focal Lesions be Limited with Only Diffusion- Weighted Sequences in Patients without Known Malignancy?
Sertan Gezgin, Murat Kocaoğlu
- Review
- 52 *Brucella canis* and Public Health Risk
İsfendiyar Darbaz, Osman Ergene
- Case Reports
- 57 Tonsillar and Parotid Gland Metastases of Breast Cancer: Two Cases and A Literature Review
Abdurrahman Buğra Cengiz, Ela Cömert, Ümit Tunçel, Gülay Dilek, Emine Benzer
- 60 Pulmonary Embolism Mimicking Community-Acquired Pneumonia: A Case Series
Hakan Evren, Emine Ünal Evren, Uğur Coşkun



Official journal of
Cyprus Turkish Medical Association

CYPRUS JOURNAL OF MEDICAL SCIENCES

-
- 63 Emergency Surgical Intervention to Treat a Wide Septated Subdural Hematoma in a Patient with ITP: A Case Report
Ziya Asan, Asuman Kilitci
-
- 66 Effectiveness of FDG PET/CT in Metastatic Infections
Özgür Sirkeci, Deniz Bedel, Emel Erkuş Sirkeci, Suna Kırac
-
- 70 A Case of Hydatid Cyst Mimicking Kidney Tumor
Ahmet Camtosun, Hüseyin Çelik, Ahmet Yıldız, Ramazan Altıntaş, Cemal Taşdemir