

### **Turkish Journal of**

# GERIATRICS

Volume: 25 • Number: 2 • Year: 2022



The Official Scientific Journal of Turkish Geriatrics Society

e-ISSN: 1307-9948

www.turkgeriatri.org



#### www.turkgeriatri.org

e-ISSN: 1307-9948

The official scientific journal of Turkish Geriatrics Society



Member of

**OWNER**On Behalf of Turkish Geriatrics Society
Yeşim **GÖKÇE KUTSAL** 

EDITORIAL MANAGER Orhan **YILMAZ** 

TECHNICAL ASSISTANCE Erkam EVLİCE

Turkish Journal of Geriatrics is indexed in: Thomson Reuters Science Citation Index Expanded (SCI-Exp) and Social Sciences Citation Index (SSCI) since 2008. And also in Scientific and Technological Research Council of Turkey (TÜBİTAK), Turkish Academic Network and Information Center (ULAKBİM) regional TR index (TR dizin) since 1998.

Published four times (March, June, September, December) a year

#### CORRESPONDANCE

**Turkish Geriatrics Society** 

www.turkgeriatri.org info@geriatri.org www.geriatri.dergisi.org editor@geriatri.dergisi.org

Date of Publication: 30 June 2022

## Turkish Journal of GERIATRICS

Volume: 25 • Issue: 2 • Year: 2022

#### **EDITOR-IN-CHIEF**

Yeşim GÖKÇE KUTSAL

#### **EDITORIAL BOARD**

Önder İLGİLİ Alfonso CRUZ-JENTOFT Orhan YILMAZ Peter FERRY

Sercan ÖZYURT
Clemens TESCH-ROEMER

#### INTERNATIONAL ADVISORY BOARD

Vladimir ANISIMOV	RUSSIA
Jean-Pierre BAEYENS	BELGIUM
Yitshal BERNER	ISRAEL
Harrison BLOOM	USA
C.J. BULPITT	UK
Robert N. BUTLER	USA
Roger Mc CARTER	USA
Mark CLARFIELD	ISRAEL
Cyrus COOPER	UK
Gaetano CREPALDI	ITALY
Michael FARTHING	UK
Marvin FORMOSA	MALTA
Ghada El-Hajj FULEIHAN	LEBANON
David GELLER	USA
Barry J. GOLDLIST	CANADA
Melvin GREER	USA
Renato M. GUIMARAES	BRASIL
Gloria M. GUTMAN	CANADA
Carol HUNTER-WINOGRAD	USA
Alfenso JC JENTOFT	SPAIN
Vladimir KHAVINSON	RUSSIA
John KANIS	UK
Tom KIRKWOOD	UK
Jean-Pierre MICHEL	SWITZERLAND
John E. MORLEY	USA
Robert MOULIAS	FRANCE
Desmond O'NEILL	IRELAND
Sokrates PAPAPOULOS	HOLLAND
Mirko PETROVIC	BELGIUM
Russel REITER	USA
Rene RIZZOLLI	SWITZERLAND
Ego SEEMAN	AUSTRALIA
Walter O. SEILER	SWITZERLAND
Alan SINCLAIR	UK
Raymond C. TALLIS	UK
Adele TOWERS	USA
Guy VANDERSTRATEN	BELGIUM
Alan WALKER	UK
Ken WOODHOUSE	UK
Archie YOUNG	UK

#### INFORMATION TO AUTHORS

http://www.geriatri.dergisi.org/static.php?id=7

#### TURKISH JOURNAL OF GERIATRICS

#### **PUBLICATION POLICY**

Turkish Journal of Geriatrics is a peer-reviewed journal and is devoted to high standards of scientific rules and publication ethics. The Editors of the Journal accept to follow 'Editorial Policy' of the 'Council of Science Editors' (www.councilscienceeditors.org/).

Any article published in the journal is also published in electronic format and is shown at http://www.turkgeriatri.org or http://www.geriatri.dergisi.org/

Instructions for authors are based on the report of International Committee of Medical Journal Editors (Last Version)- (Uniform Requirements for manuscripts Submitted to Biomedical Journals, www.icmje.org).

Editor in Chief: Prof. Yesim GOKCE-KUTSAL, MD

Owner: Turkish Geriatrics Society www.turkgeriatri.org

#### INSTRUCTIONS FOR AUTHORS

Turkish Journal of Geriatrics is the official publication of Turkish Geriatrics Society and is published four times a year. Articles published in the journal are shown at http://www.turkgeriatri.org & http://www.geriatri.dergisi.org

Turkish Journal of Geriatrics is a peer-reviewed journal and is devoted to high standards of scientific rules and publication ethics. The Editorial Board Members of the Journal accept to follow 'Editorial Policy' of the 'Council of Science Editors' (www.councilscienceeditors.org/) and the guidelines provided by the Committee on Publication Ethics (COPE), the World Association of Medical Editors (WAME), the International Committee of Medical Journal Editors (ICMJE) for dealing with scientific misconduct, such as falsification of data, plagiarism, improprieties of authorship, violation of generally accepted research practices and redundant publication and duplicate publication.

Instructions for authors are based on the report of International Committee of Medical Journal Editors (Uniform Requirements for manuscripts Submitted to Biomedical Journals, www.icmje.org).

Manuscripts must be original and not under consideration by another publication at the time of submission. The authors must ensure that they have read and understood the details noted in the publication policy of our journal. Failure to comply can lead to delays in the processing of the manuscript, or even rejection.

#### INSTRUCTIONS FOR AUTHORS

Official language of the journal is **English.** Turkish Journal of Geriatrics invites submission of Original Articles based on clinical and laboratory studies. Review Articles are published only after the invitation from the Editorial Board.

Manuscripts and the necessary documents should be submitted online at: Online Manuscript Submission.

Authors are advised to keep a copy of their papers for reference. It is the responsibility of **all authors** to agree on the content of their paper before submission.

As recommended by TUBİTAK ULAKBIM, the authors should get their **ORCID** (Open Researcher and Contributor ID) numbers from the web address free of charge: **http://orcid.org** 

#### Preparation of Manuscript

Papers must be written in English. Authors should have their papers checked for linguistic accuracy by a native English speaker. For the language editing of the article and to get the "Formal Certificate of Language Control and Correction", contact to the below addresses:

**EDITAGE** https://www.editage.com, **WILEY** https://www.wiley.com/en-tr, **SCRIBENDI** https://www.scribendi.com, **AMERICAN JOURNAL EXPERTS** http://www.journalexperts.com

The corrected manuscript should be sent to the journal after it has received the "formal certificate of language control and correction" – this certificate should be uploaded to journal on line system with the manuscript.

Articles published in the Turkish Journal of Geriatrics should be prepared in ethical rules. The ethical responsibilities of the articles belong to the authors. For all the studies both conducted on human beings and animals as well as drug research, ethical committee approval should be taken and a signed copy of "Ethical Committee Approval" should be uploaded to the journal system.

The manuscripts will not be published without a copy of the "ethical committee approval" document. For all the studies conducted on human beings "Informed Consent" of all the participants of the study should be taken.

Authors should obey the rules in "Helsinki Declaration", "Good Medical Practice Guidelines", and "Good Laboratories Practice Guidelines".

Names of the patients, protocol numbers, etc which identify participants' identities should not be used in the manuscript. If the editorial board finds necessary, the admitted articles will be reviewed not only by the scientific advisors, but by the ethical advisors of the journal as well. Authors submitting an article must accept this situation.

All of the articles submitted to the Turkish Journal of Geriatrics should fit to the "Information of authors" details. The assessment process will not start until this step is completed.

Via online submission 1) English Title, 2) Names, Surnames and Titles of the authors, 3) Institutions, 4) Present communication details should be loaded to the system. Original articles and Invited Reviews should be between 1500-3500 words (excluding Abstract). When a manuscript is submitted, authors must provide a word count for both the abstract and the text. Editors can request that authors shorten their papers further.

The text of observational and experimental articles should be divided into sections with the headings Introduction, Materials and Method, Results, and Discussion. Long articles may need subheadings within some sections (especially the Results and Discussion sections) to clarify their content. Invited reviews and editorials are likely to take their own relevant main headings.

**Abstract.** A structured abstract of not more than 250 words in English should be structured, including Introduction, Materials and Method, Results, and Conclusion. New and important observations or aspects of the study should be emphasized. Abstracts of the review articles should be a brief overview of the main points from the review. Abstracts should reflect the whole manuscript and the consistency between the text. No abbreviations should be used in this section.

**Keywords.** Up to six keywords should be provided that might be used by researchers searching bibliographic databases for the paper. The authors have to use terms from the Medical Subjects Headings list from Index Medicus.( www.nlm.nih.gov/mesh/MBrowser.html)

**Introduction.** Acquaint the readers with the problem and with the findings of others. Quote the most pertinent papers and state clearly the nature and purpose of the work.

**Materials and Method.** Your clinical, technical or experimental procedures should be clearly explained. Previously published papers related to methods should be cited. Ethical approval of the study should be mentioned here.

**Results.** Findings must be described without comment. A concise textual description of the data presented in tables, chats and figures should also be included.

**Discussion.** Comment on your findings and relate them to those from other authors. You should define their relevance to experimental research or clinical practice.

**References.** The author is responsible for the accuracy of the references. Citations in the text should be identified by numbers in standart brackets. The list of the references at the end of the paper should be given according to their first appearance in the text. Journal abbreviations should be used as listed in Index Medicus.

#### 1-Articles from journals (with PMID numbers):

Cruz Jentoft AJ, Sayer AA. Sarcopenia. Lancet 2019;393 (10191): 2636-46. (PMID: 31171417)

#### 2-Articles from journals (without PMID numbers):

Piers R, Albers G, Gilissen J, et al. Advance care planning in dementia: recommendations for healthcare professionals. BMC Palliative Care 2018;17(88):1-17.(DOI:10.1186/s12904-018-0332-2).

#### 3-Articles in Turkish:

Ozturk S. Clinical and Nuropathological Classification of Dementia. Turkish Journal of Geriatrics 2010; 13 (Suppl 3):15-19. (in Turkish)

Give PMID or DOI numbers if possible.

#### 4-More than 6 authors will be mentioned with the three authors' names:

Groessl EJ, Kaplan RM, Rejeski WJ et al. Physical Activity and Performance Impact Long-term Quality of Life in Older Adults at Risk for Major Mobility Disability. Am J Prev Med 2019; 56 (1): 141-146. (PMID: 30573142).

#### 5-Books:

BG Katzung. Special Aspects of Geriatric Pharmacology, In:Bertram G. Katzung, Susan B. Masters, Anthony J. Trevor (Eds). Basic and Clinical Pharmacology. 10th edition, Lange, Mc Graw Hill, USA 2007, pp 983-90.

#### 6-Articles or documents from electronic publications:

World Health Organization. Global Health and Aging [e-book] NIH Publication; 2011. [Internet]. Available from: http://www.who.int/ageing/publications/ global\_health.pdf. Accessed: 09.09.2019.

Access date, DOI or ID numbers of the articles should be mentioned. The UPDATED reference should be available in the referred web address.

**Tables.** Tables should be supplement not duplicate the text. Each table should be typed (double spaced) on a separate sheet and numbered consecutively with arabic numerals. Place explanatory matters in footnotes. Footnotes to tables should be indicated by lower-case superscript letters. Each table must be cited in text in consecutive order.

**Illustrations.** Illustrations should be limited to those essential for the text. The same results should be presented as either graphs or tables not as both. All figures, whether photographs, graphs, or diagrams, should be numbered consecutively and shown in the text. The publisher reserves the right to reduce or enlarge

illustrations. Arrows, letters, and numbers should be inserted professionally.

Graphs, figures, and illustrations should be placed in the main text. And also separate files should be prepared for graphs, figures, and illustrations (each one on a separate file),

The authors should supply the electronic files for all figures and illustrations including photographs as gif or jpeg images with a minimum resolution of 600 dpi.

Micrographs should have an internal magnification marker; the magnification should also be stated in the caption. Legends must be brief, self-sufficient explanations of the illustrations in no more than four or five lines. Remarks such as "For explanation, see text" should be avoided. The legends should also be typed at the end of the text.

**Screening resolution.** The image should be at least 600 dpi resolution. For the web site resolution, 300 dpi is acceptable.

**Measurements.** Metric system should be used for all types of measurements.

**Abbreviations and Symbols.** Only standard abbreviations should be used in the main text. In the first use, long version of the abbreviation should be written. Abbreviations and Symbols should not be used in abstract and title sections.

Acknowledgement. Authors can thank to the persons, institutions, etc in this section.

Conflict of Interest. The authors should state whether there is a conflict of interest or not.

Review Articles. The journal is open only for "Invited Reviews".

Besides their article, there are 5 important documents that the authors should send:

- I- For all the articles Application Fee Receipt
- II- For all the studies signed copy of "Ethical Committee Approval Document" (including all the names of the authors) (For all the studies conducted on human beings, "informed consent" of the participants should be taken).
- III- "Copyright Transfer Form" with all of the authors' signatures,
- IV- "Author Contribution Form" with all of the authors' signatures,
- V- Copy of "Certificate of Language Control and Correction".

The manuscript cannot be sent out for review if the submissions are received without these 5 documents. These documents should be uploaded in related sections of the online system.

#### Attention! Last Control Before Submission (Checklist for Submitted Articles)

All of the articles submitted to the Turkish Journal of Geriatrics should fit to the "information of authors' details in the below address:

http://geriatri.dergisi.org/static.php?id=7

The review process will not start until all the below steps are completed.

- 1-Letter of submission written for the chief editor.
- 2-E-mail address as well as postal address, official telephone number of the corresponding author.
- 3-Affiliations (in English) and ORCID numbers (http://orcid.org) of all the authors.
- 4-For the language editing of your article and to get the "Certificate of Language Control and Correction", you can contact to:

EDITAGE https://www.editage.com, WILEY https://www.wiley.com/en-tr, SCRIBENDI https://www.

scribendi.com, AMERICAN JOURNAL EXPERTS http://www.journalexperts.com

- 5-English heading.
- 6-English "structured" abstract (250 words at maximum).
- 7-Keywords in accordance with Medical Subjects Headings-MeSH List (up to 6 words) (https://meshb.nlm. nih.gov/search)
- 8-Article divided into appropriate sections.
- 9-All figures (with subtitles) and tables (with titles) cited (should be 5 at maximum)
- 10-Complete and accurate references (references should be 25 at maximum with the PMID numbers) written according to the rules and of the journal (http://geriatri.dergisi.org/static.php?id=7).
- 11-Original articles should not exceed 3500 words (excluding abstract).

In order to start the evaluation process, the below 5 documents should be sent through the online system for all the articles:

- I- For all the articles Application Fee Receipt
- II- For all the studies signed copy of "Ethical Committee Approval Document" (including all the names of the authors) (For all the studies conducted on human beings, "informed consent" of the participants should be taken).
- III- "Copyright Transfer Form" with all of the authors' signatures,
- IV- "Author Contribution Form" with all of the authors' signatures,
- V- Copy of "Certificate of Language Control and Correction".



Volun	GERIATRICS Volume: 25 • Issue: 2 • Year: 2022				
Contents					

FROM THE EDITOR IN CHIEF YEŞIM GÖKÇE KUTSAL

IX

#### RESEARCH ARTICLES

A RETROSPECTIVE ANALYSIS OF HEALTHCARE COSTS FOR GERIATRIC PATIENTS IN INTENSIVE CARE UNIT FOLLOWING HIP FRACTURE SURGERY Reyhan POLAT, Burak TEKE, Burhan KURTULUŞ, Mutlu AKDOĞAN, Mithat İBOLAR, Aslı DÖNMEZ	195
OVERDIAGNOSIS OF COPD AND ASTHMA IN DYSPNEIC ELDERLY PATIENTS Deniz DOĞAN MÜLAZİMOĞLU, Oya KAYACAN	204
COMPARATIVE VALIDITY OF PHYSICAL ACTIVITY SCALE FOR ELDERLY WITH AN ACCELEROMETER IN PATIENTS WITH STROKE Esra GİRAY, Evrim KARADAĞ-SAYGI, Nurullah EREN, Hızır KURTEL, Osman Hakan GÜNDÜZ	215
<b>LEVEL OF CORONAPHOBIA IN OLDER ADULT PATIENTS</b> <i>Uğur ERTEM, Jale İRDESEL, Nafiye GÖKTAŞ</i>	223
THE EFFECT OF THE COVID-19 PANDEMIC ON LUMBAR EPIDURAL STEROID INJECTIONS IN ELDERLY PATIENTS: ONE YEAR DATA Rekib SACAKLIDIR, Savaş ŞENCAN, Osman Hakan GÜNDÜZ	230
RELATION OF FEAR-AVOIDANCE BEHAVIOURS, OBESITY, DEPRESSION, AND DISABILITY IN GERIATRIC WOMEN WITH CHRONIC LOW BACK PAIN Gül Mete CİVELEK, Muhammed KILIÇ	236
ASSOCIATION OF NEURODEGENERATIVE DISEASES WITH SARCOPENIA AND OTHER GERIATRIC SYNDROMES Veysel SUZAN, Hakan YAVUZER	246
VALIDITY AND RELIABILITY STUDY OF THE TURKISH VERSION OF PHYSICAL ACTIVITY SCALE FOR THE ELDERLY IN NURSING HOMES Dilek SAHİNOĞLU, Senem DEMİRDEL, Sevilay KARAHAN, Semra TOPUZ	254
THE PROGNOSTIC AND DIAGNOSTIC VALUE OF PLASMA D-DIMER LEVELS IN ELDERLY PATIENTS WITH COMMUNITY-ACQUIRED PNEUMONIA Sertan BULUT, Deniz ÇELİK, Harun KARAMANLI	262
THE EFFECTS OF FACE MASK USE DURING COVID-19 ON SPEECH COMPREHENSION IN GERIATRIC PATIENTS WITH HEARING LOSS HO USE LIP-READING FOR COMMUNICATION: A PROSPECTIVE CROSS-SECTIONAL STUDY Bilal SİZER, Songül DEMİR, Ümit YILMAZ, Nureliş YENİCELİ, Yakup BUDAK, Argün Ediz YORGANCILAR, İsmail TOPÇU	274
THE EFFECT OF RELIGIOUS COPING ON GERIATRIC ANXIETY IN A GROUP OF OLDER TURKISH WOMEN DURING THE COVID-19 PANDEMIC PERIOD  Pinar IRMAK VURAL, Nazife BAKIR, Cuma DEMİR	282

AN INVESTIGATION OF FACTORS RELATED TO SUBJECTIVE MEMORY COMPLAINTS OF OLDER ADULTS DURING THE COVID-19 PANDEMIC Furkan DUMAN, Melisa EBEOĞLU DUMAN	291
THE RELATIONSHIP BETWEEN FEAR AVOIDANCE BELIEFS AND PHYSICAL DISABILITY IN PATIENTS WITH SYMPTOMATIC KNEE OSTEOARTHRITIS  Mustafa NAMLI, Fatma Nur KESİKTAŞ, Nurdan PAKER, Buşra ŞİRİN, Fuat Orhun ALAYOĞLU, Sedef ERSOY	301
EVALUATION OF AUDITORY LATE LATENCY RESPONSE IN OLDER ADULTS Şule KAYA, Seval CEYLAN, Gökçe TANYERİ TOKER, Yusuf Çağdaş KUMBUL	309
EFFECT OF TRANEXAMIC ACID AND CELL SALVAGE SYSTEM USE IN TOTAL HIP ARTHROPLASTY ON ALLOGENEIC BLOOD TRANSFUSION AND HOSPITAL COSTS IN GERIATRIC PATIENTS: A RETROSPECTIVE COHORT STUDY318  Gökhan SERTÇAKACILAR, Yaser PEKTAŞ, Malik ÇELİK, Güneş Özlem YILDIZ	
REVIEW	



