


# CLINICAL SCIENCE OF NUTRITION

VOLUME 4  
ISSUE 1  
APRIL 2022

**Editor in Chief**Sadık Kılıçturgay Department of General Surgery, Uludağ University School of Medicine, Bursa, Turkey  
ORCID ID: 0000-0002-2427-8344**Associate Editors**R. Haldun Gündoğdu Department of Gastrointestinal Surgery, Ankara Şehir Hastanesi, Ankara, Turkey  
ORCID ID: 0000-0002-7021-4827Mehmet Uyar Department of Anesthesiology and Reanimation, Ege University School of Medicine, İzmir, Turkey  
ORCID ID: 0000-0001-9292-2616**Consultant in Biostatistics**

Şule Oktay

Kappa Consultancy Training Research, İstanbul Turkey

**Advisory Board**

Sedat Boyacıoğlu

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

İsmail Cinel

Department of Anesthesiology and Reanimation, Marmara University School of Medicine, İstanbul, Turkey

Rüksan Çehreli

Department of Preventive Oncology, Institute of Oncology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Seher Demirel

Department of General Surgery, Ankara University School of Medicine, Ankara, Turkey

Meltem Gülhan Halil

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

Kürşat Gündoğan

Department of Intensive Care, Erciyes University School of Medicine, Kayseri, Turkey

Levent Güngör

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

Diclehan Kılıç

Department of Radiation Oncology, Gazi University School of Medicine, Ankara, Turkey

Gül Kızıltan

Department of Nutrition and Dietetics, Başkent University Faculty of Health Sciences, Ankara, Turkey

Hasan Özen

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

Bülent Saka

Department of Internal Diseases, İstanbul University, İstanbul School of Medicine, İstanbul, Turkey

Ferda Şöhret Kahveci

Department of Anesthesiology and Reanimation, Uludağ University School of Medicine, Bursa, Turkey

Tuğba Yavuzşen

Department of Medical Oncology, Dokuz Eylül University School of Medicine, İzmir, Turkey

Kaya Yorgancı

Department of General Surgery, Hacettepe University School of Medicine, Ankara, Turkey



Founder  
İbrahim KARA  
General Manager  
Ali ŞAHİN  
Publications Director  
Gökhan ÇİMEN  
Editor  
Hira Gizem FİDAN

Publication Coordinators  
Defne DOĞAN  
Vuslat TAŞ  
Web Coordinator  
Doğan ORUÇ  
Finance and Administration  
Osman YALÇIN

Contact:  
Address: Büyükdere Cad., 105/9 34394 Şişli,  
İstanbul, Turkey  
Phone: +90 212 217 17 00  
E-mail: info@avesyayincilik.com  
Webpage: www.avesyayincilik.com

## AIMS AND SCOPE

Clinical Science of Nutrition (Clin Sci Nutr) is an international, scientific, open Access periodical published in accordance with independent, unbiased, and double-blinded peer-review principles. The journal is the official publication of the Society of Clinical Enteral Parenteral Nutrition – Turkey, and it is published tri-annually in April, August, and December. The publication language of the journal is English.

The journal aims to contribute to the literature by publishing high impact content and become one of the leading publications of the field while functioning as an open discussion forum on significant issues of current interest. Clinical Science of Nutrition also aims to have significant input in emphasizing the increasing importance of clinical nutrition in Turkey and the region, identifying the effects of differences between societies on study results in a clearer way and converting clinical applications into scientific publications as well as forming a bridge between West and East.

The scope of Clinical Science of Nutrition includes original research articles, review articles, case reports, conference reports, and letters to the editor as well as editorials, abstracts from international and national congresses, panel meetings, conferences and symposia. As an online-only publication, in addition to traditional manuscript submissions, Clinical Science of Nutrition is also able to process video, audio and interactive software submissions. Authors are encouraged to submit their content in the most appropriate medium to best convey their findings to the audience of Clinical Science of Nutrition.

The journal covers all aspects of nutrition and dietetics including prevalence of malnutrition and its effects on clinical results; nutritional support and delivery methods and their advantages and disadvantages; nutritional support products and their side effects; immune system and nutritional support; ERAS protocol and nutritional support; home parenteral and enteral nutrition; nutrition support teams and their necessity, challenges and potential solutions of nutritional support.

The journal's target audience includes academicians, practitioners, specialists and students interested in nutrition and dietetics.

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).

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 [clinscinutr.org](http://clinscinutr.org). The journal guidelines, technical information, and the required forms are available on the journal's web page.

Publication expenses of the journal are covered by the Society of Clinical Enteral Parenteral Nutrition - Turkey. 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 Society of Clinical Enteral Parenteral Nutrition - Turkey, editors, editorial board, and/or publisher; the editors, editorial board, and the publisher disclaim any responsibility or liability for such materials.

All published content is available online, free of charge at [clinscinutr.org](http://clinscinutr.org).

Clinical Science of Nutrition is an open access publication and the journal's publication model is based on Budapest Open Access Initiative (BOAI) declaration. Journal's archive is available online, free of charge at [clinscinutr.org](http://clinscinutr.org). Clinical Science of Nutrition's content is licensed under a Creative Commons Attribution-Non-Commercial 4.0 International License.

You can find the current version of the Instructions to Authors at <https://clinscinutr.org/EN>



**Editor in Chief:** Sadık Kılıçturgay

**Address:** Department of General Surgery, Uludağ University School of Medicine, Bursa, Turkey

**E-mail:** [skturgay@gmail.com](mailto:skturgay@gmail.com)

**Publishing Service:** AVES

**Address:** Büyükdere Cad., 105/9 34394 Şişli, İstanbul, Turkey

**Phone:** +90 212 217 17 00

**E-mail:** [info@avesyayincilik.com](mailto:info@avesyayincilik.com)

**Webpage:** [www.avesyayincilik.com](http://www.avesyayincilik.com)

## CONTENTS

### ORIGINAL ARTICLES

- 1 Investigation of Gastrointestinal Complications in Patients Given Enteral Nutrition  
Kamil Gönderen, Hilal Er Döngel, Elif Öztoprak Kol
- 8 Assessment of Nutrition-Related Complications in Hospitalized Patients with Tube Enterostomy  
Pelin Ünsal, Kezban Akçay, Y. Nilgün Ölmez, Fatma Tamer, Şermin Ataç, Burcu Kelleci Çakır, Meltem Halil
- 14 Malnutrition Prevalence Increased During the COVID-19 Pandemic in Patients with Dementia:  
A Retrospective Study from the Geriatric Outpatient Clinic  
Merve Güner Oytun, Serdar Ceylan, Yelda Öztürk, Meltem Koca, Arzu Okyar Baş, Cafer Balcı, Burcu Balam Doğu,  
Mustafa Cankurtaran, Meltem Gülhan Halil
- 20 Effect of the Enhanced Recovery After Surgery Protocol on Postoperative Cognitive Functions in  
Colorectal Surgery  
Nagihan Duran Yakar, Mehmet Nuri Yakar, Cengiz Polat, Esra Akdas Tekin, Emre Sivriöz, Namigar Turgut
- 28 Malnutrition and Nutritional Care in Patients with COVID-19  
Yelda Öztürk, Meltem Halil